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**CRUSHED STONE
AND
SAND AND GRAVEL
PRODUCTION BY
STATE DISTRICTS
1985-1986**



U.S. Bureau of Mines

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CRUSHED STONE AND SAND AND GRAVEL PRODUCTION BY STATE DISTRICTS 1985-1986

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and Kim B. Shedd*



U.S. Bureau of Mines

ACKNOWLEDGMENT

The information included in this special publication was produced within the Branch of Industrial Minerals of the Bureau of Mines. The authors received material assistance from Mary E. Ewell, Jessie G. Austin, and Howard L. Sullivan. State Activities Office field personnel as well as numerous State Agency personnel provided assistance and advice regarding the outlining of the new Bureau of Mines Districts. All text and tables in final form for publication were produced by Michael McTootie, Joe Daniels, and Pam Shorter using desktop publishing software.

Inside front cover - Stone crusher and conveyers at the Genstar Stone Products Co., Texas Quarry, Texas, MD.

Photo by Valentin V. Tepordei

INTRODUCTION

Sand and gravel and crushed stone are by far the largest nonfuel mineral commodities by volume produced in the United States, supplying some of the most important construction materials. Construction sand and gravel is the only mineral commodity produced in all 50 States; crushed stone is produced in 49 States, Delaware being the only State that does not produce crushed stone. A total of 1 billion tons of crushed stone valued at \$4.1 billion and 883 million tons of construction sand and gravel valued at \$2.8 billion were produced in the United States in 1985 and 1986, respectively.

As the amount of crushed stone and sand and gravel production increased over the years, especially since 1950, so did the number of operations and the production by operation. At the same time, the number of large operations and their share of the market started to grow. The trend toward larger operations, which accelerated in the 1970's and 1980's, has had an impact on the crushed stone and sand and gravel industries. As the number of large operations and their share of the market increased, some small producers were acquired by larger companies or went out of business. As the result of this trend, in the last 10 to 15 years the total number of companies producing aggregates has decreased from year to year, despite the increase in the amount of crushed stone and sand and gravel produced in the United States.

Since 1924, a major responsibility of the Bureau of Mines has been to provide information on production, consumption, end-use patterns, transportation, imports, and exports of mineral commodities. The Bureau's publications summarizing the results of collected, processed, and analyzed information are widely disseminated to the business community, Government agencies, research organizations, and private individuals in the United States and abroad. The commodity data published by the Bureau are based on information collected from annual voluntary industry surveys conducted by the agency. Therefore, the completeness and accuracy of the data depend on the good will and the cooperation of the industry.

To protect the confidentiality of individual company data and maintain industry cooperation in these surveys, the Bureau established a policy which indicates that "the general rule for publication of data is the rule of three." This rule specifies that survey data for any specific area such as county, State, geographic region, or even the United States as a whole can be published only if there are at least three companies reporting. In addition, the confidentiality of the data is maintained even when there are three respondents, if one of them accounts for 75% of the total, or if two of them account for 90% of the total.

Crushed stone and sand and gravel are local industries, most of the markets being located within a 50 - to 100 - mile radius from the quarries. In some areas, the aggregates are shipped longer distances, especially if railroads or waterways are used. Following the completion of the Interstate Highway System, both industries became more sensitive to the ups and downs of the economy. The need for better planning and marketing analysis created an increased demand for better production information, especially at the local level.

To provide more and better information that can be released to the public without compromising individual company data, a new reporting system has been developed by the Bureau of Mines for reporting crushed stone and sand and gravel production within each State. The new system, implemented for the first time with the publication of the 1985 crushed stone production data, subdivides most of the States into several districts by grouping adjacent counties on which the reporting system is based. In defining the districts, factors like location and number of aggregate producers, size and location of markets, existing road systems, locations of major industries, and Standard Metropolitan Statistical Areas were considered. Consequently, most of the districts represent a market area and include more than three crushed stone or sand and gravel producers, thus allowing the publication of more production information.

The new reporting system provides information by major uses as well as totals within each district, a significant amount of detailed information that was not available in the past. By using the counties as the basic building block of the districts, the economic indicators presently available from other sources - such as the Census Bureau, the Federal Highway Administration, McGraw Hill's F.W. Dodge, etc. - can easily be accumulated and used in conjunction with Bureau of Mines data for such applications as market forecasting, production planning, etc.

The present publication provides a complete set of tables with production information for crushed stone and sand and gravel by districts for 1985 and 1986, as well as maps showing the State districts. The districting system was implemented for 40 States only, owing to the limited number of companies or the low level of production in some States. The 1987 information on crushed stone by districts for all 40 States was published in the 1987 edition of the Bureau of Mines Minerals Yearbook Vol. II.

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ALABAMA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Type	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 2/-----	204	517	247	1,255	--	--
Coarse aggregate, graded 3/-----	1,575	6,961	4,294	17,873	--	--
Fine aggregate (-3/8 inch) 4/-----	(1/)	(1/)	(1/)	(1/)	--	--
Coarse and fine aggregate 5/-----	2,532	10,716	2,162	8,801	--	--
Other construction-----	788	3,511	1,177	5,084	--	--
Agricultural 6/-----	142	797	149	972	--	--
Chemical and metallurgical 7/-----	212	544	3,945	12,021	16	120
Special 8/-----	--	--	970	10,042	--	--
Other unspecified 9/-----	1,126	3,091	2,843	9,796	3,470	17,077
TOTAL -----	6,579	26,137	15,787	10/ 65,842	3,486	17,197

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Includes macadam, riprap and jetty stone, and filter stone.

3/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run or fill.

6/ Includes agricultural limestone, and poultry grit and mineral food.

7/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and sulfur oxide removal.

8/ Includes crushed stone for abrasives, mine dusting, asphalt filler, whitening or whitening substitute, other fillers or extenders, and waste material.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Type	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	980	2,607	769	2,117	2,370	5,434
Plaster and gunite sands-----	--	--	165	479	207	677
Concrete products (blocks, bricks, etc.)	W	W	--	--	W	W
Asphaltic concrete aggregate 2/-----	257	977	155	548	1,291	4,754
Road bases and covering-----	W	W	W	W	672	1,596
Fill-----	--	--	--	--	158	199
Railroad ballast-----	--	--	--	--	27	71
Roofing granules-----	W	W	W	W	W	W
Other miscellaneous-----	112	300	234	706	948	4,027
Other unspecified 3/-----	292	595	366	814	1,777	4,905
TOTAL 4/ -----	1,641	4,479	1,690	4,665	7,450	21,663

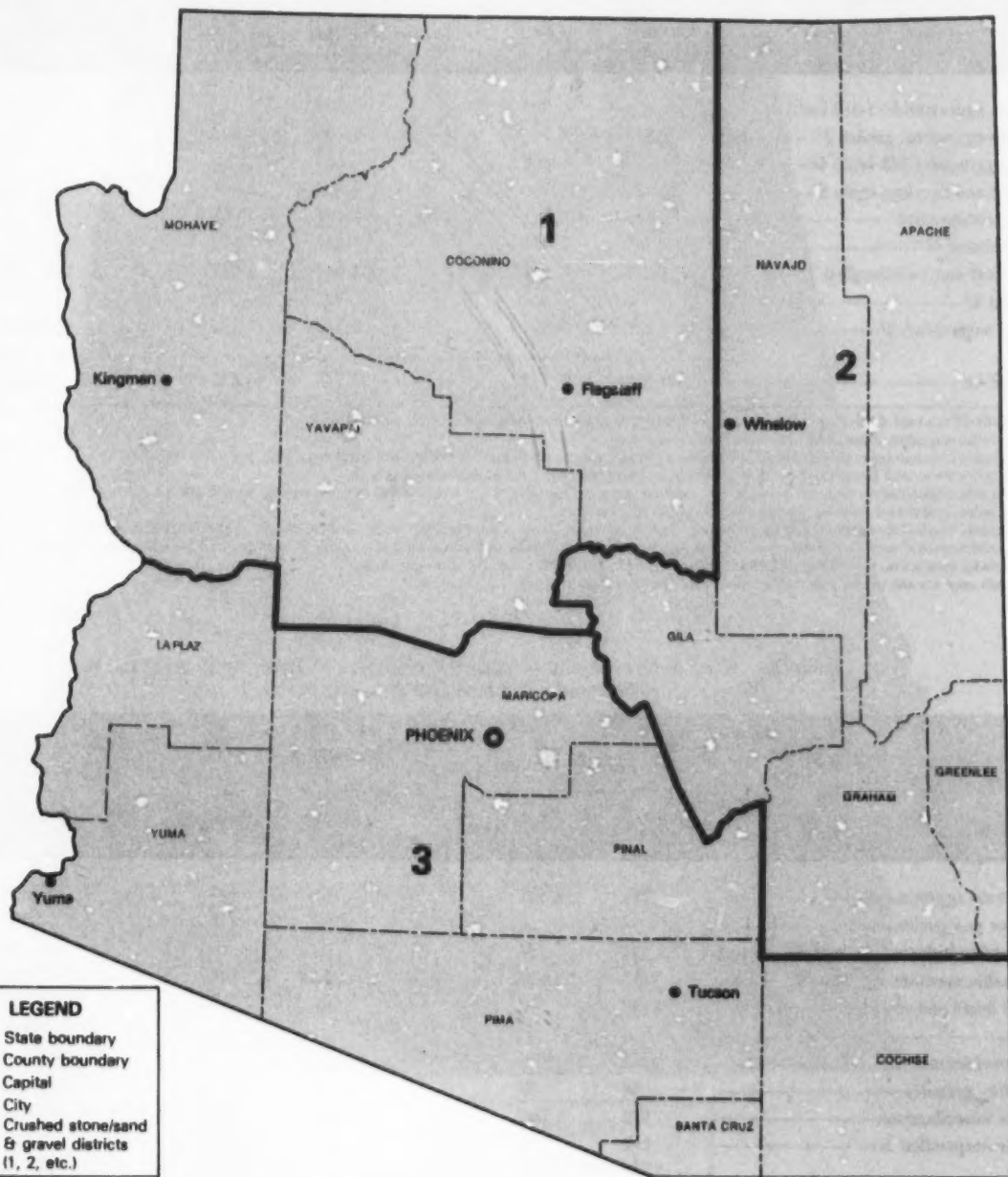
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes other concrete sand.

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for production reported without a breakdown by end use, and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



ARIZONA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 4/-----	--	--	--	--	53	451
Coarse aggregate, graded 5/-----	(2/)	(2/)	(2/)	(2/)	--	--
Fine aggregate (-3/8 inch) 6/-----	(2/)	(2/)	--	--	(2/)	(2/)
Coarse and fine aggregate 7/-----	138	427	(2/)	(2/)	(2/)	(2/)
Other construction 8/-----	1,294	4,819	150	544	1,195	3,818
Agricultural-----	--	--	--	--	(3/)	(3/)
Chemical and metallurgical 9/-----	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Special 10/-----	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Other miscellaneous-----	1,449	6,797	99	575	1,200	3,949
Other unspecified 11/-----	89	382	23	106	228	1,201
TOTAL -----	2,970	12,425	272	1,225	12/ 2,675	9,419

1/ Excludes 11,000 short tons valued at \$42,000 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Includes riprap and jetty stone.

5/ Includes concrete aggregate (coarse) and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

8/ Includes lightweight aggregate.

9/ Includes crushed stone for cement manufacture, lime manufacture, and sulfur oxide removal.

10/ Includes crushed stone for other fillers or extenders, paper manufacture, porcelain, roofing granules, and waste materials.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data do not add to totals shown because of independent rounding.

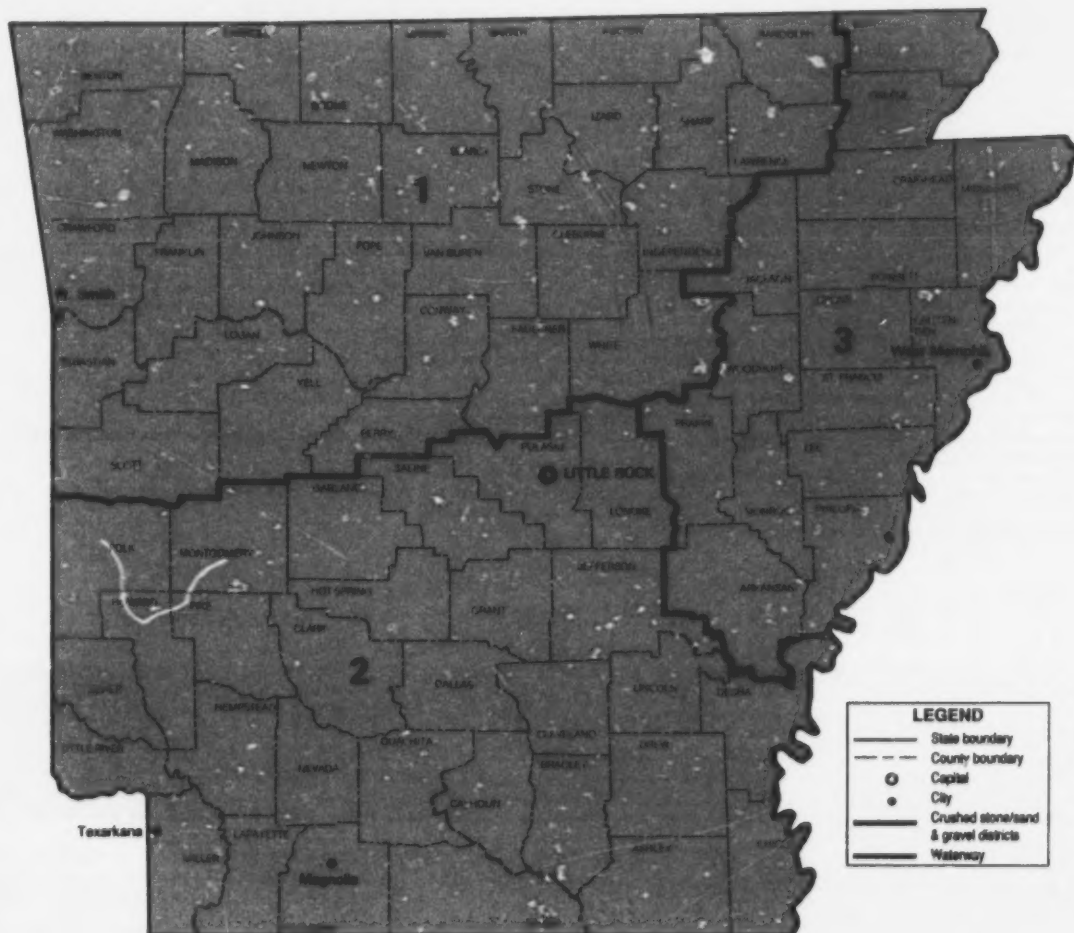
Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	229	1,120	155	746	8,079	29,635
Asphaltic concrete aggregate 2/-----	1,139	3,169	542	2,366	17,511	62,054
Fill-----	24	28	22	42	3,167	8,825
Snow and ice control-----	--	--	1	1	--	--
Other miscellaneous-----	--	--	--	--	390	1,361
Other unspecified 3/-----	1,574	4,992	212	450	7,422	25,215
TOTAL -----	2,966	9,309	932	3,605	36,569	127,090

1/ Includes sand and gravel for concrete aggregates, plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for asphaltic concrete aggregates, other bituminous mixtures, road and other stabilization (cement).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.



ARKANSAS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	103	308	701	2,977	--	--
Coarse aggregate, graded 4/-----	1,481	6,335	1,460	7,740	--	--
Fine aggregate (-3/8 inch) 5/-----	407	1,212	66	(1/)	--	--
Coarse and fine aggregate 6/-----	1,311	4,283	1,633	7,537	--	--
Other construction-----	697	2,354	816	4,605	--	--
Agricultural 7/-----	(2/)	(2/)	(2/)	(2/)	--	--
Chemical and metallurgical 8/-----	(2/)	(2/)	(2/)	(2/)	--	--
Special 9/-----	(2/)	(2/)	(2/)	(2/)	--	--
Other miscellaneous-----	484	3,133	1,627	3,900	--	--
Other unspecified 10/-----	1,450	4,994	2,579	11,497	--	--
TOTAL 11/-----	5,933	22,619	8,882	38,255	--	--

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

8/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, and chemicals.

9/ Includes crushed stone for other fillers or extenders, roofing granules, and waste material.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	946	2,870	2,372	8,564	540	1,885
Asphaltic concrete aggregate 2/-----	216	531	995	3,359	296	1,356
Fill-----	94	210	(3/)	1	15	30
Roofing granules-----	--	--	--	--	W	W
Other miscellaneous-----	35	150	7	27	33	113
Other unspecified 4/-----	643	1,489	2,278	6,154	102	258
TOTAL 5/-----	1,933	5,250	5,652	18,106	986	3,643

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes road bases and covering.

3/ Less than 1/2 unit.

4/ Includes sand and gravel for production reported without a breakdown by end use, and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



CALIFORNIA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	(1/)	(1/)	2,159	13,358	(1/)	(1/)
Coarse aggregate, graded 4/-----	(1/)	(1/)	2,467	8,991	(1/)	(1/)
Fine aggregate (-3/8 inch) 5/-----	--	--	(1/)	(1/)	(1/)	(1/)
Coarse and fine aggregate 6/-----	592	1,685	r/ 10,003	r/ 38,778	1,380	4,936
Other construction 7/-----	77	261	786	4,139	2,369	14,263
Agricultural 8/-----	--	--	72	691	(2/)	(2/)
Chemical and metallurgical 9/-----	(2/)	(2/)	(2/)	(2/)	10,367	32,977
Special 10/-----	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Other miscellaneous-----	724	2,533	3,497	18,975	739	12,111
Other unspecified 11/-----	--	--	4,987	16,710	978	3,986
TOTAL 12/-----	1,394	4,479	23,972	101,643	15,833	68,273

r/ Revised

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap, jetty stone, filter stone, and coarse aggregate (large).

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

7/ Includes lightweight aggregates.

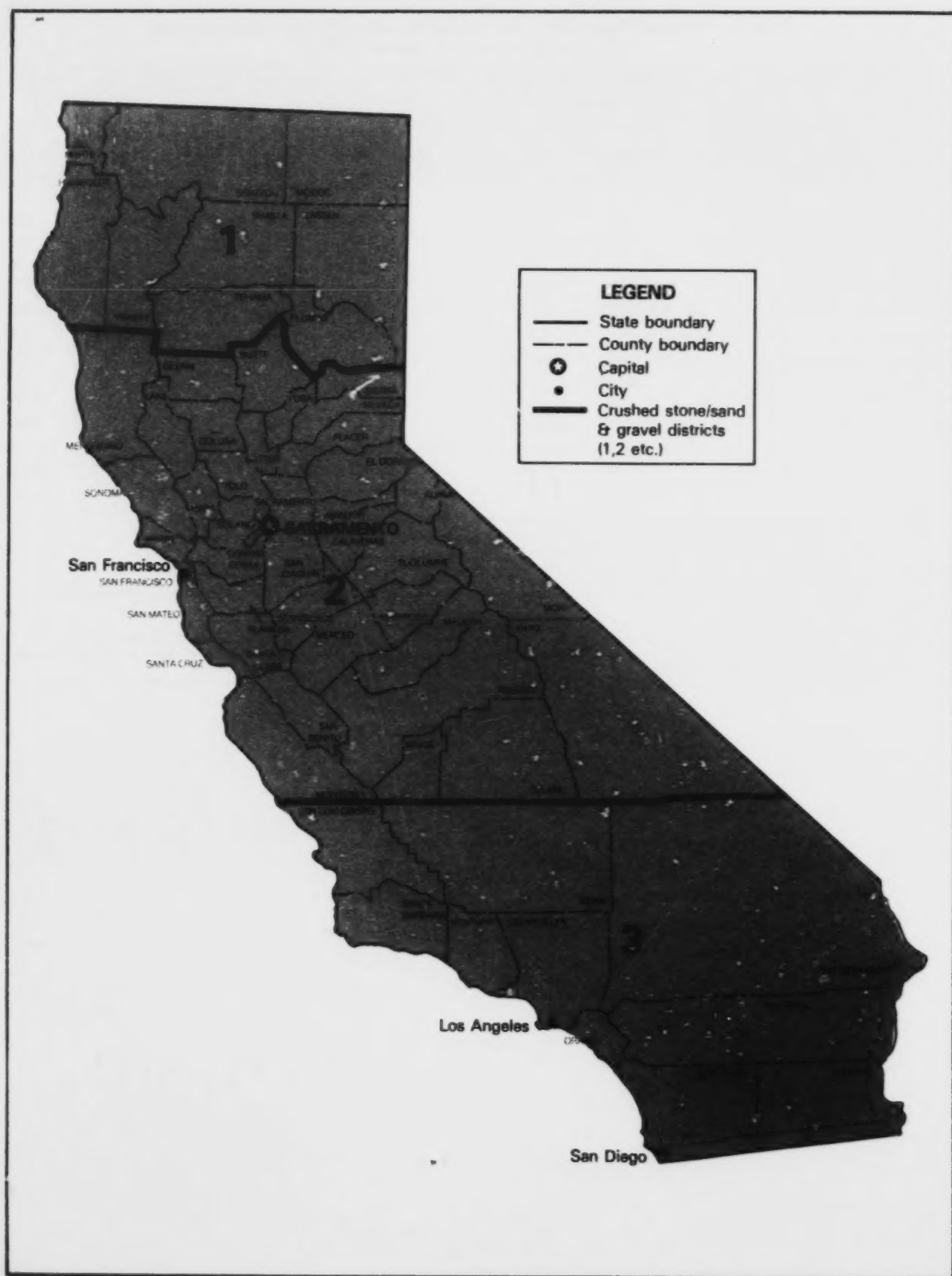
8/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

9/ Includes crushed stone for cement and lime manufacture, dead burned dolomite, flux and chemical stone, glass manufacture, and sulfur oxide removal.

10/ Includes crushed stone for asphalt filler, whitening or whitening substitute, other fillers or extenders, porcelain, roofing granules, sugar refining, and waste material.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.



CALIFORNIA

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	300	1,125	17,728	77,453	18,966	72,225
Plaster and gunite sands-----	35	236	1,117	5,554	1,404	6,721
Concrete products (blocks, bricks, etc.)	--	--	78	379	2,564	8,598
Asphaltic concrete aggregate 2/-----	540	2,283	9,581	43,865	11,014	41,064
Road bases and covering 3/-----	953	2,616	11,357	42,167	9,959	36,295
Fill-----	193	542	3,455	9,384	4,549	10,931
Snow and ice control-----	W	W	W	W	--	--
Railroad ballast-----	76	276	504	2,255	29	95
Other miscellaneous-----	27	133	2,302	8,996	541	2,213
Other unspecified 4/-----	538	1,713	5,342	18,447	25,252	102,891
TOTAL 5/-----	2,664	8,924	51,464	208,499	74,279	281,033

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

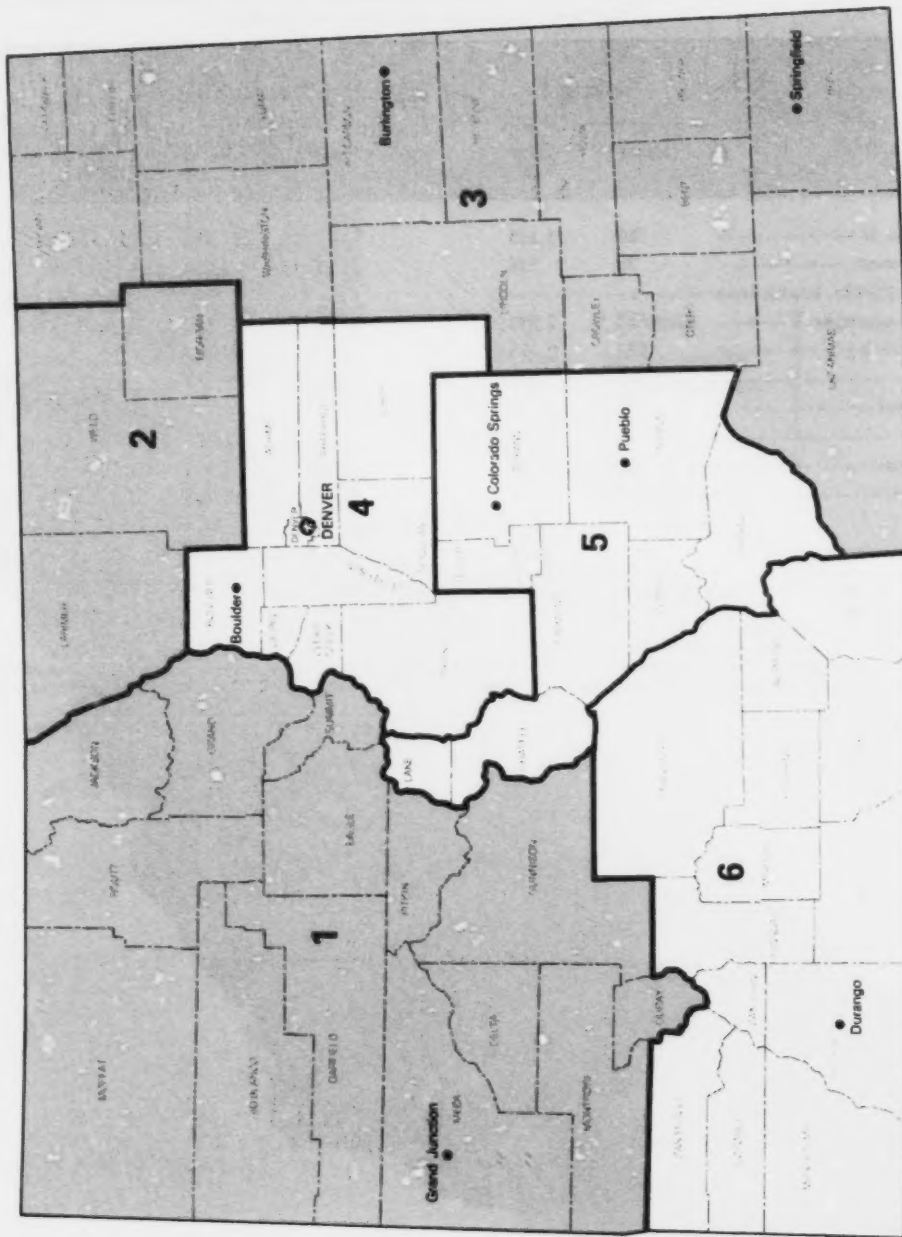
1/ Includes concrete sands.

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



LEGEND

— State boundary
 --- County boundary
 ○ Capital
 • City
 — Crushed stone/sand & gravel districts (1, 2, etc.)

COLORADO

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 1/-----	--	--	W	W	--	--
Coarse aggregate, graded 2/-----	--	--	--	--	--	--
Fine aggregate (-3/8 inch) 3/-----	--	--	--	--	--	--
Coarse and fine aggregate 4/-----	W	W	--	--	--	--
Other construction-----	--	--	--	--	--	--
Chemical and metallurgical 5/-----	--	--	W	W	--	--
Special 6/-----	--	--	--	--	--	--
Other unspecified 7/-----	W	W	W	W	--	--
TOTAL -----	119	1,157	421	2,799	--	--

W Withheld to avoid disclosing individual company proprietary data; included with "Total."

1/ Includes riprap and jetty stone, filter stone, and coarse aggregates (large).

2/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates, and coarse aggregates (graded).

3/ Includes stone sand (bituminous mix or seal), fine aggregates (screen), and fine aggregates (screening-undesignated).

4/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregates, and crusher run (select material or fill).

5/ Includes crushed stone for cement manufacture.

6/ Includes crushed stone for waste material.

7/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	322	1,470	706	2,763	149	539
Asphaltic concrete aggregate 2/-----	307	1,296	1,013	2,845	164	636
Road bases and covering 3/-----	1,377	4,285	1,360	3,569	783	992
Fill-----	624	1,264	724	1,029	36	49
Snow and ice control-----	28	68	11	35	(4/)	(4/)
Railroad ballast-----	W	W	--	--	--	--
Other miscellaneous-----	25	79	103	556	--	--
Other unspecified 5/-----	1,225	3,926	797	1,660	24	76
TOTAL 6/ -----	3,906	12,389	4,714	12,457	1,157	2,292

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (lime).

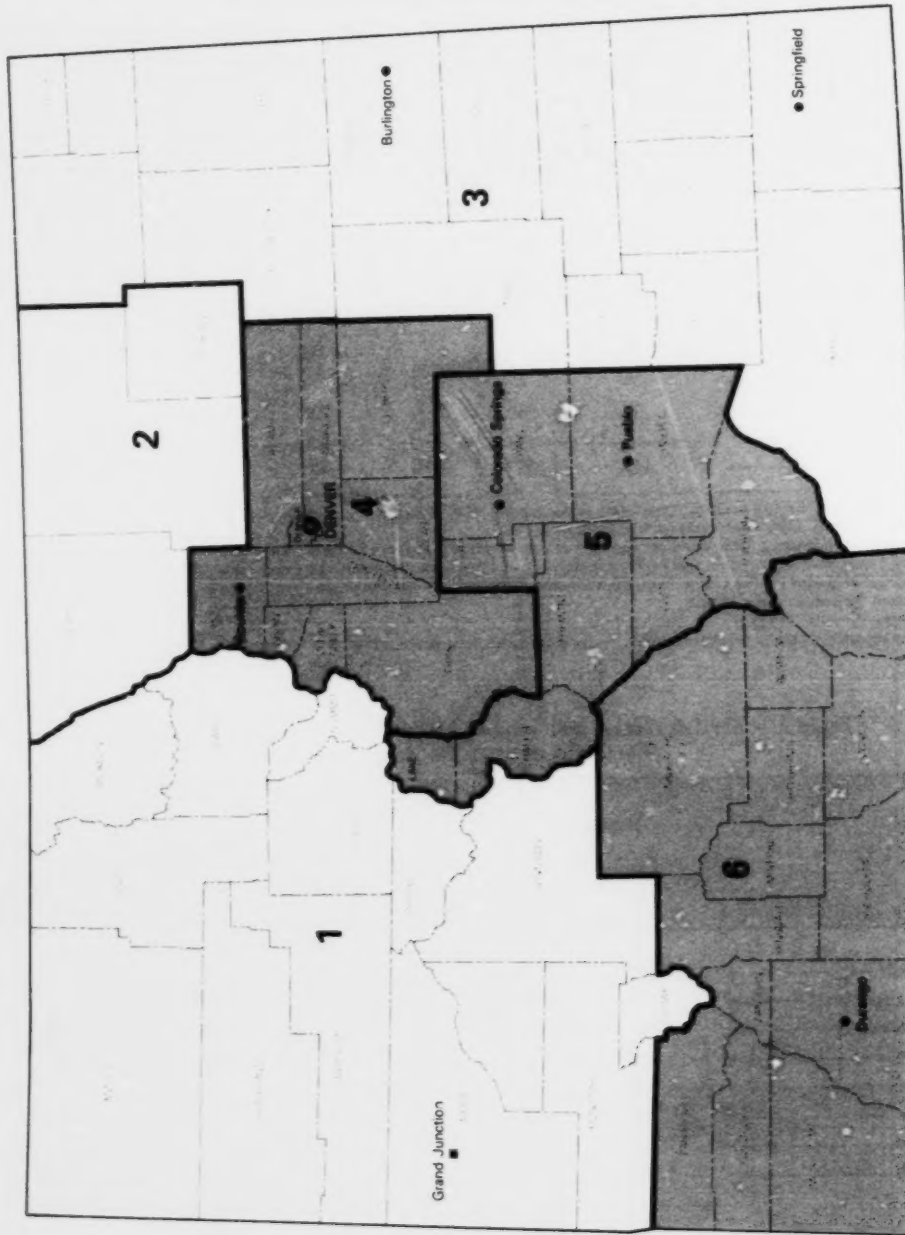
4/ Less than 1/2 unit.

5/ Includes sand and gravel reported without a breakdown by end use, and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.

LEGEND

— State boundary
 --- County boundary
 ○ Capital
 • City
 — Crushed stone/sand & gravel districts (1, 2, etc.)



COLORADO

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 1/-----	W	W	W	W	--	--
Coarse aggregate, graded 2/-----	W	W	W	W	--	--
Fine aggregate (-3/8 inch) 3/-----	W	W	W	W	--	--
Coarse and fine aggregate 4/-----	W	W	W	W	W	W
Other construction-----	--	--	W	W	--	--
Chemical and metallurgical 5/-----	W	W	W	W	--	--
Special 6/-----	W	W	--	--	--	--
Other unspecified 7/-----	W	W	W	W	--	--
TOTAL -----	4,239	15,905	2,164	5,479	93	589

W Withheld to avoid disclosing individual company proprietary data; included with "Total."

1/ Includes riprap and jetty stone, filter stone, and coarse aggregates (large).

2/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates, and coarse aggregates (graded).

3/ Includes stone sand (bituminous mix or seal), fine aggregates (screen), and fine aggregates (screening-undesignated).

4/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregates, and crusher run (select material or fill).

5/ Includes crushed stone for cement manufacture.

6/ Includes crushed stone for waste material.

7/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	2,470	10,785	1,334	3,980	83	584
Asphaltic concrete aggregate 2/-----	612	2,191	140	404	100	612
Road bases and covering 3/-----	958	2,235	834	1,783	351	1,534
Fill-----	639	1,310	316	401	2	6
Snow and ice control-----	114	597	W	W	W	W
Railroad ballast-----	W	W	--	--	--	--
Other miscellaneous-----	14	96	100	215	2	9
Other unspecified 5/-----	3,621	11,817	1,546	3,878	218	520
TOTAL 6/ -----	8,427	29,032	4,271	10,660	757	3,266

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

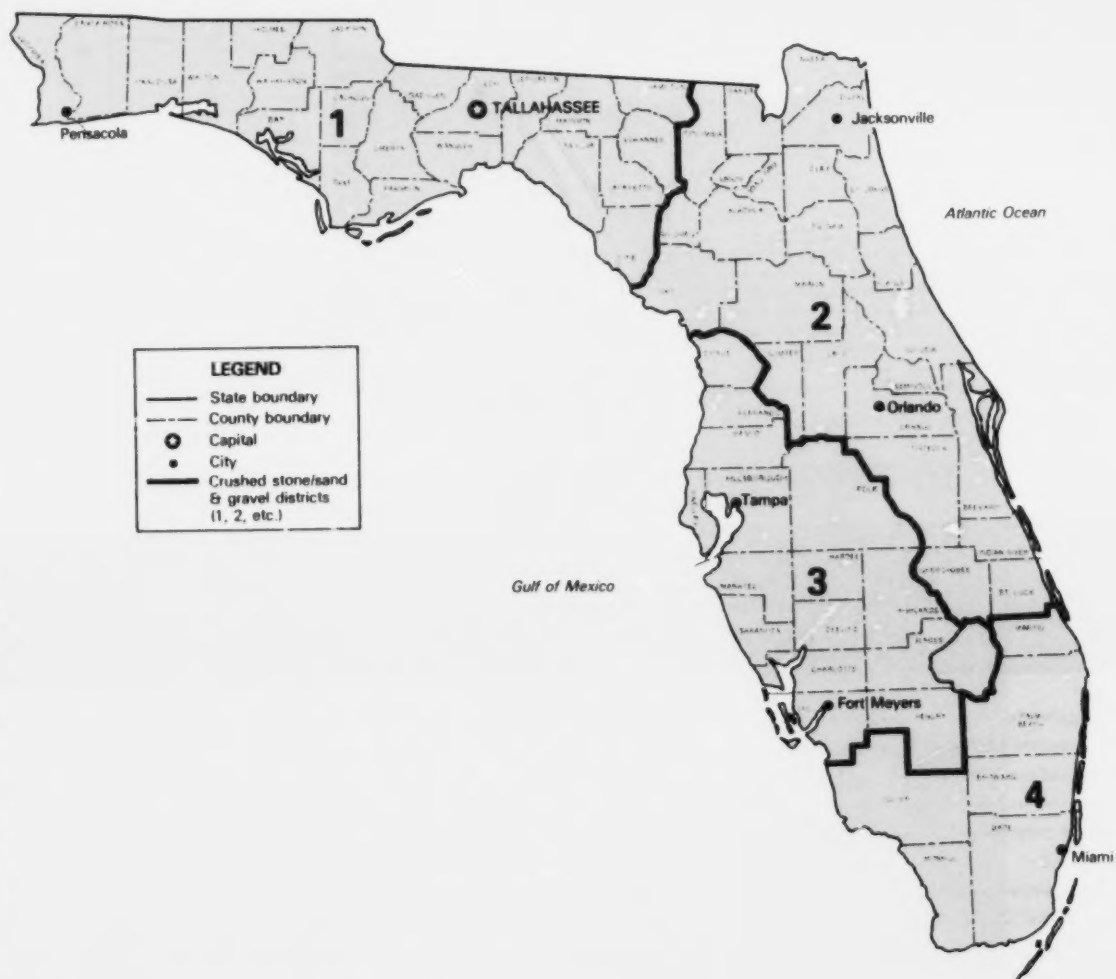
2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (lime).

4/ Less than 1/2 unit.

5/ Includes sand and gravel reported without a breakdown by end use, and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



FLORIDA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 4/-----	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	483	2,628
Coarse aggregate, graded 5/-----	(1/)	(1/)	(1/)	(1/)	8,011	57,289	11,461	57,466
Fine aggregate (-3/8 inch) 6/-----	(1/)	(1/)	(1/)	(1/)	1,913	8,385	6,164	28,685
Coarse and fine aggregate 7/-----	403	1,604	6,091	17,177	7,983	20,750	7,202	22,324
Other construction-----	360	1,870	592	4,619	516	2,045	746	2,152
Agricultural 8/-----	(2/)	(2/)	(3/)	(3/)	394	1,641	(3/)	(3/)
Chemical and metallurgical 9/-----	--	--	--	--	(3/)	(3/)	(3/)	(3/)
Special 10/-----	--	--	(3/)	(3/)	(3/)	(3/)	--	--
Other miscellaneous-----	--	--	666	2,569	1,258	8,464	5,163	13,668
Other unspecified 11/-----	619	2,484	1,883	5,417	2,112	5,409	5,245	20,592
TOTAL 12/-----	1,382	5,957	9,232	29,783	22,186	103,983	36,466	147,514

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Includes macadam, riprap, jetty stone, filter stone, and coarse aggregate (large).

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, drain fields, crusher run or fill, and combined coarse and fine aggregate.

8/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

9/ Includes crushed stone for cement manufacture and sulfur oxide removal.

10/ Includes crushed stone for mine dusting, asphalt filler, other fillers or extenders, and roofing granules.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 2/-----	700	2,333	5,316	15,984	1,897	4,800	177	768
Asphaltic concrete aggregate 3/-----	W	W	343	770	W	W	--	--
Road bases and covering 4/-----	W	W	--	--	W	W	--	--
Fill-----	71	131	3,716	3,846	744	928	1,663	1,938
Other miscellaneous-----	183	458	14	48	2	4	--	--
Other unspecified 5/-----	1,113	3,917	3,757	8,676	3,659	8,312	57	181
TOTAL 6/-----	2,066	6,839	13,146	29,324	6,302	14,044	1,898	2,887

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Excludes 4,821,000 short tons valued at \$14,804,000 not reported by county.

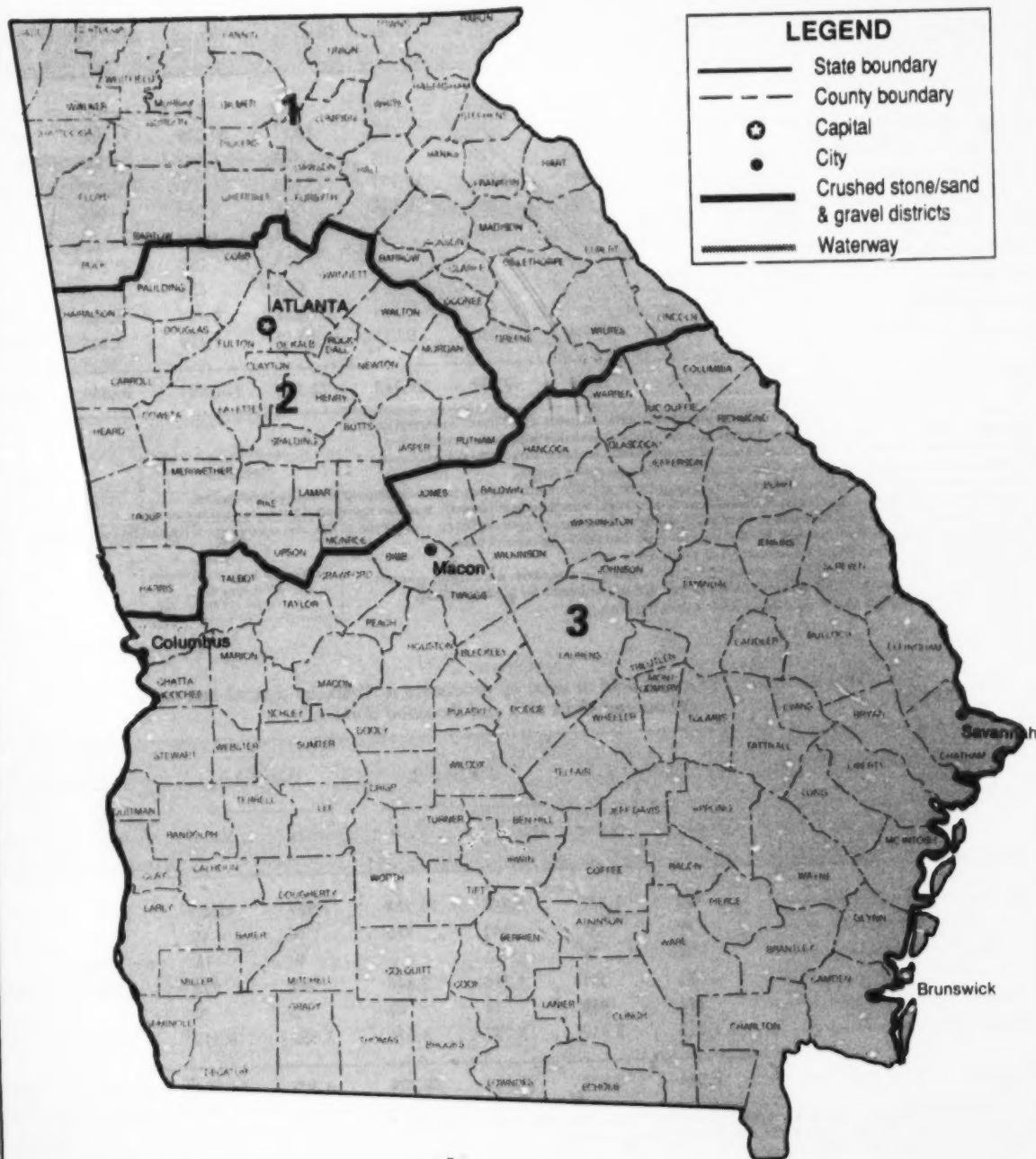
2/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

3/ Includes other bituminous mixtures.

4/ Includes sand and gravel for road and other stabilization (cement).

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



GEORGIA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 4/-----	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Coarse aggregate, graded 5/-----	4,188	21,407	10,412	55,687	4,958	25,400
Fine aggregate (-3/8 inch) 6/-----	(1/)	(1/)	4,590	23,435	(1/)	(1/)
Coarse and fine aggregate 7/-----	4,836	21,516	10,549	51,905	3,768	16,693
Other construction-----	2,179	10,975	486	3,370	1,458	6,486
Agricultural 8/-----	(2/)	(2/)	--	--	(3/)	(3/)
Chemical and metallurgical 9/-----	(2/)	(2/)	--	--	(3/)	(3/)
Special 10/-----	(2/)	(2/)	--	--	--	--
Other miscellaneous-----	2,385	11,952	--	--	--	--
Other unspecified 11/-----	391	1,809	928	3,747	--	--
TOTAL -----	13,979	67,659	26,965	138,144	11,118	50,784

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Total."

4/ Includes riprap, jetty stone, and filter stone.

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screening-undesignated).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

8/ Includes agricultural limestone.

9/ Includes crushed stone for cement manufacture.

10/ Includes crushed stone for other fillers or extenders, and waste materials.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	W	W	1,237	3,671
Asphaltic concrete aggregate 2/-----	--	--	38	158	172	205
Other miscellaneous 3/-----	--	--	20	120	577	1,560
Other unspecified 4/-----	747	2,320	550	1,637	4,784	13,552
TOTAL -----	747	2,320	608	1,915	6,770	5/ 18,987

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for concrete aggregates, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for fill, and other bituminous mixtures.

3/ Includes sand and gravel for plaster and gunite sands, and road bases and coverings.

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data do not add to totals shown because of independent rounding.



ILLINOIS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	1,381	4,920	196	694	459	2,050	476	1,679
Coarse aggregate, graded 4/-----	4,578	18,523	395	3,907	1,758	7,726	1,842	7,099
Fine aggregate (-3/8 inch) 5/-----	632	2,197	18	32	39	196	47	252
Coarse and fine aggregate 6/-----	5,254	17,988	1,148	4,276	1,539	6,038	3,527	12,045
Other construction-----	17	82	7	21	38	61	142	744
Agricultural 7/-----	474	1,407	443	1,989	756	3,918	1,491	4,385
Chemical and metallurgical 8/-----	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Special 9/-----	23	95	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Other miscellaneous-----	880	2,728	494	11,955	1,108	3,531	1,213	3,372
Other unspecified 10/-----	8,524	31,602	984	4,134	455	1,943	685	2,460
TOTAL 11/-----	21,763	79,541	3,686	27,007	6,151	25,464	9,424	32,036

1/ Excludes 20,000 short tons valued at \$70,000 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap, jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

7/ Includes agricultural limestone, and poultry grit and mineral food.

8/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and sulfur oxide removal.

9/ Includes crushed stone for whitening or whitening substitute, other fillers or extenders, roofing granules, and waste material.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	3,704	11,324	456	1,371	1,660	5,843	1,006	2,467
Asphaltic concrete aggregate 2/-----	1,690	5,833	168	503	559	2,349	122	332
Road bases and covering 3/-----	2,010	6,747	198	559	766	3,131	280	950
Fill-----	1,718	3,494	163	206	599	1,603	504	1,414
Snow and ice control-----	W	W	--	--	W	W	--	--
Railroad ballast-----	--	--	--	--	W	W	--	--
Other miscellaneous-----	283	995	--	--	58	403	3	24
Other unspecified 4/-----	8,395	23,275	1,084	3,267	1,966	5,370	475	1,064
TOTAL -----	17,800	51,668	2,069	5,906	5,608	18,699	2,390	5/ 6,250

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates, concrete sand, plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data do not add to totals shown because of independent rounding.



INDIANA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 2/-----	181	766	376	1,273	122	514
Coarse aggregate, graded 3/-----	2,316	8,343	715	2,922	4,324	12,719
Fine aggregate (-3/8 inch) 4/-----	155	594	56	236	46	165
Coarse and fine aggregate 5/-----	1,783	6,195	1,844	6,664	1,049	3,806
Other construction-----	593	2,217	206	810	374	1,298
Agricultural 6/-----	609	2,818	238	927	460	1,426
Chemical and metallurgical 7/-----	(1/)	(1/)	(8/)	1	(1/)	(1/)
Special 9/-----	14	36	--	--	(1/)	(1/)
Other miscellaneous-----	663	2,012	--	--	1,768	5,648
Other unspecified 10/-----	1,391	5,235	2,449	8,854	1,652	5,642
TOTAL 11/-----	7,705	28,216	5,885	21,685	9,794	31,217

1/ Withheld to avoid disclosing individual company proprietary data: included with "Other miscellaneous."

2/ Includes macadam, riprap and jetty stone, and filter stone.

3/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregates (screen), and fine aggregates (screening-undesignated).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

6/ Includes agricultural limestone.

7/ Includes crushed stone for cement manufacture, and flux stone.

8/ Less than 1/2 unit.

9/ Includes crushed stone for asphalt filler, and other fillers or extenders.

10/ Includes production reported without breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

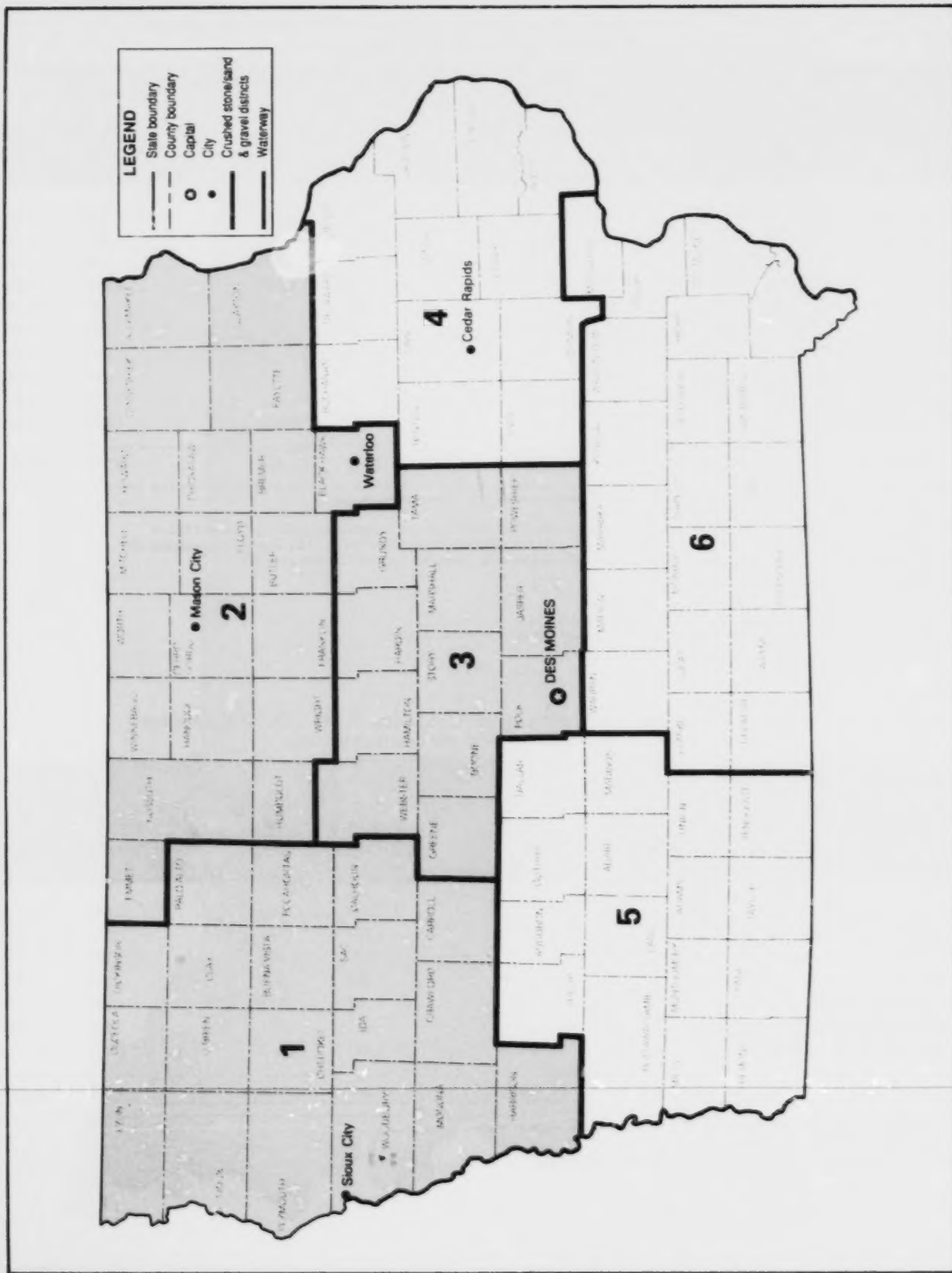
Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,743	5,427	3,093	10,496	849	1,916
Asphaltic concrete aggregate 2/-----	304	795	1,297	4,674	311	859
Road bases and covering-----	497	1,441	572	1,812	58	298
Fill-----	444	826	1,085	2,509	51	108
Snow and ice control-----	134	384	87	229	13	30
Other miscellaneous-----	176	550	824	2,726	130	348
Other unspecified-----	1,295	3,630	4,443	15,517	2,235	6,656
TOTAL 3/-----	4,592	13,053	11,401	37,963	3,649	10,216

1/ Includes sand and gravel for plaster, gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Data may not add to totals shown because of independent rounding.



IOWA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	(1/)	(1/)	36	139	85	324
Coarse aggregate, graded 4/-----	(1/)	(1/)	1,754	3,928	145	683
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	41	154	(1/)	(1/)
Coarse and fine aggregate 6/-----	(1/)	(1/)	1,161	4,476	1,445	6,472
Other construction-----	418	1,626	--	--	317	1,627
Agricultural 7/-----	(2/)	(2/)	159	653	445	6,020
Chemical and metallurgical 8/-----	--	--	(2/)	(2/)	(2/)	(2/)
Special 9/-----	--	--	--	--	(2/)	(2/)
Other miscellaneous-----	57	367	1,219	3,898	98	499
Other unspecified 10/-----	336	1,368	2,088	8,280	1,404	5,736
TOTAL 11/-----	811	3,361	5,858	21,528	3,940	21,362

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregates (large).

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregates (screen), and fine aggregates (screening-undesignated).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

8/ Includes crushed stone for cement manufacture, dead burned dolomite, flux stone, chemical stone for alkali works, and sulfur oxide removal.

9/ Includes crushed stone for porcelain, abrasives, mine dusting, and paper manufacture.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	435	1,508	482	1,582
Asphaltic concrete aggregate 2/-----	12	19	117	319	189	551
Road bases and covering 3/-----	757	1,664	230	502	355	884
Fill-----	94	197	101	159	325	567
Snow and ice control-----	8	11	51	92	13	47
Railroad ballast-----	12	12	--	--	--	--
Roofing granules-----	--	--	W	W	--	--
Other miscellaneous-----	247	712	10	77	222	648
Other unspecified-----	2,757	7,343	561	1,289	3,756	10,664
TOTAL 4/-----	3,889	9,958	1,504	3,946	5,341	14,942

W/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

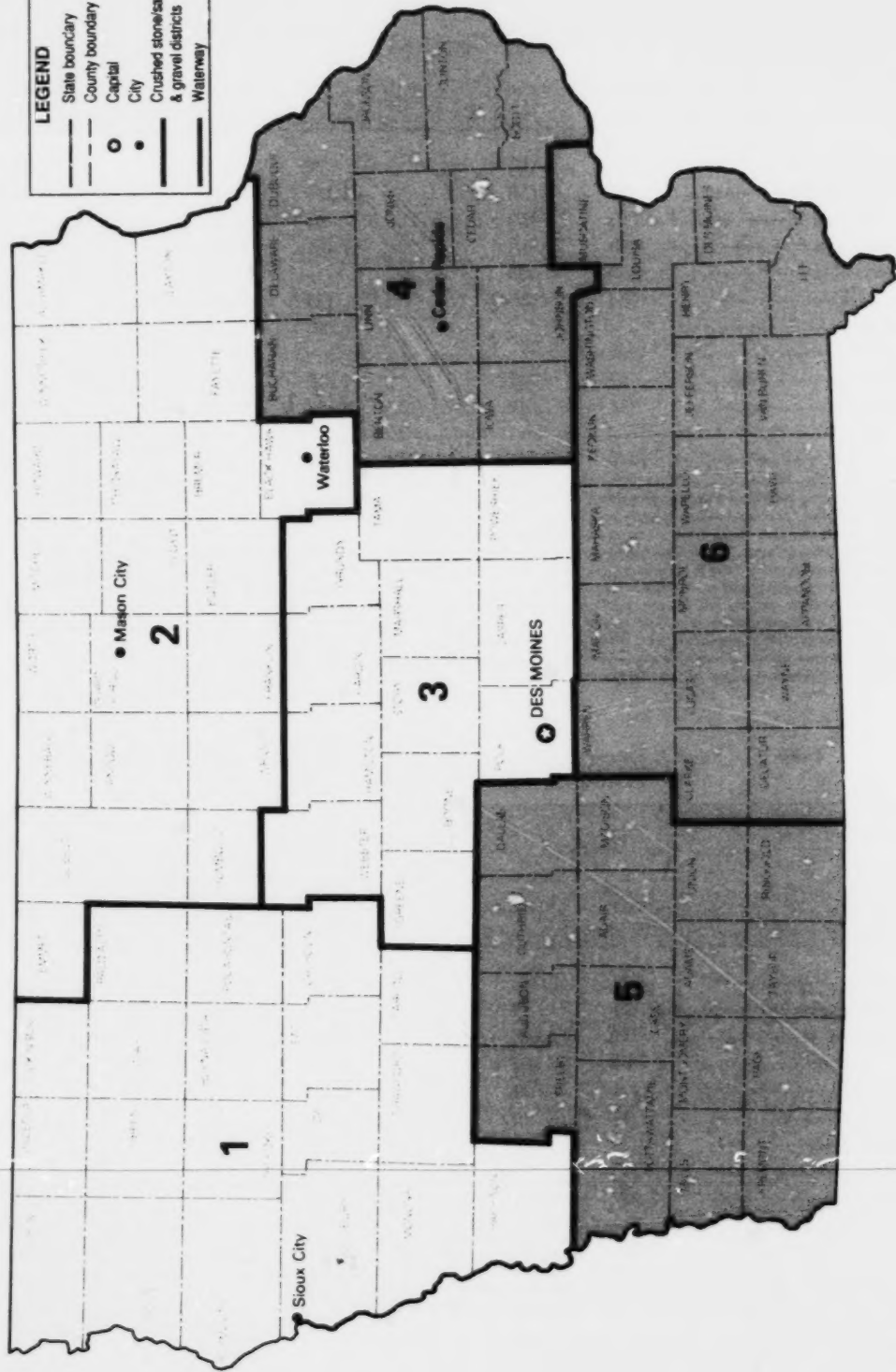
2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Data may not add to totals shown because of independent rounding.

LEGEND

- State boundary
- County boundary
- Capital
- City
- Crushed stone/land & gravel districts
- Waterway



IOWA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 3/-----	171	765	(1/)	(1/)	48	313
Coarse aggregate, graded 4/-----	894	3,398	(1/)	(1/)	377	2,131
Fine aggregate (-3/8 inch) 5/-----	316	1,177	(1/)	(1/)	(1/)	(1/)
Coarse and fine aggregate 6/-----	1,864	6,442	(1/)	(1/)	2,381	7,422
Other construction-----	7	32	1,636	8,350	250	1,211
Agricultural 7/-----	307	922	(2/)	(2/)	147	588
Chemical and metallurgical 8/-----	1,100	1,823	179	509	24	102
Special 9/-----	(2/)	(2/)	(2/)	(2/)	--	--
Other miscellaneous-----	42	146	499	2,825	--	--
Other unspecified 10/-----	1,001	2,804	415	1,688	1,390	5,596
TOTAL 11/-----	5,702	17,509	2,729	13,372	4,618	17,363

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregates (large).

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregates (screen), and fine aggregates (screening-undesignated).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

8/ Includes crushed stone for cement manufacture, dead burned dolomite, flux stone, chemical stone for alkali works, and sulfur oxide removal.

9/ Includes crushed stone for porcelain, abrasives, mine dusting, and paper manufacture.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	612	2,148	W	W	825	2,058
Asphaltic concrete aggregate 2/-----	137	444	50	231	115	370
Road bases and covering 3/-----	39	107	309	966	15	60
Fill-----	123	347	34	81	154	265
Snow and ice control-----	49	149	2	15	20	63
Railroad ballast-----	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	67	212	312	1,219	97	288
Other unspecified-----	115	608	573	1,661	127	285
TOTAL 4/-----	1,142	4,015	1,282	4,173	1,353	3,385

W/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Data may not add to totals shown because of independent rounding.

KANSAS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 4/-----	197	917	(1/)	(1/)	--	--
Coarse aggregate, graded 5/-----	1,950	8,785	(1/)	(1/)	--	--
Fine aggregate (-3/8 inch) 6/-----	260	859	(1/)	(1/)	--	--
Coarse and fine aggregate 7/-----	1,878	8,241	72	364	13	61
Other construction-----	128	499	575	3,475	--	--
Agricultural-----	576	2,882	98	379	--	--
Chemical and metallurgical 8/-----	729	2,035	(2/)	(2/)	--	--
Special 9/-----	(2/)	(2/)	(2/)	(2/)	--	--
Other miscellaneous-----	220	1,049	596	2,891	--	--
Other unspecified 10/-----	512	1,675	411	919	--	--
TOTAL 11/-----	6,450	26,941	1,752	8,028	13	61

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

4/ Includes macadam, riprap, jetty stone, filter stone, and coarse aggregate (large).

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and combined coarse and fine aggregate.

8/ Includes crushed stone for cement manufacture, chemical stone for alkali works, chemicals, magnesium metal manufacture, and sulfur oxide removal.

9/ Includes crushed stone for paper manufacture and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,716	3,845	225	690	W	W
Asphaltic concrete aggregate 2/-----	902	1,970	117	351	110	209
Road bases and covering 3/-----	213	508	118	336	607	783
Fill-----	395	535	105	144	186	212
Snow and ice control-----	22	81	4	10	(4/)	(4/)
Railroad ballast-----	--	--	--	--	--	--
Roofing granules-----	W	W	--	--	--	--
Other miscellaneous-----	36	195	9	10	18	32
Other unspecified 5/-----	2,793	7,218	428	722	219	380
TOTAL 6/-----	6,078	14,352	1,007	2,263	1,140	1,616

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

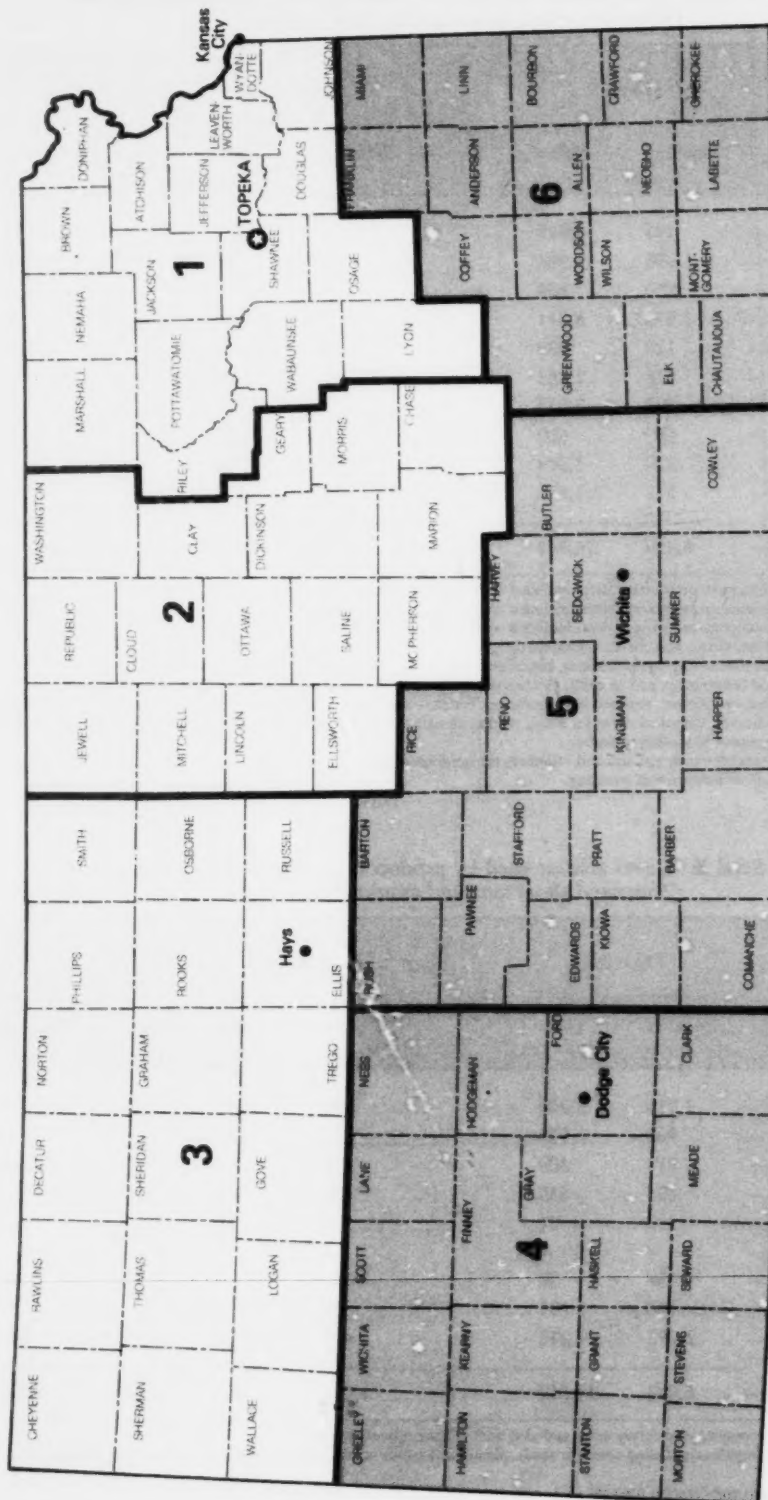
2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Less than 1/2 unit.

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



KANSAS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 4/-----	1	14	(1/)	(1/)	191	430
Coarse aggregate, graded 5/-----	14	137	(1/)	(1/)	1,093	4,495
Fine aggregate (-3/8 inch) 6/-----	(1/)	(1/)	--	--	656	1,705
Coarse and fine aggregate 7/-----	--	--	494	1,125	1,464	4,216
Other construction-----	8	62	26	117	--	--
Agricultural-----	--	--	79	263	122	411
Chemical and metallurgical 8/-----	--	--	--	--	2,688	6,917
Special 9/-----	--	--	--	--	(3/)	(3/)
Other miscellaneous-----	--	--	150	600	--	--
Other unspecified 10/-----	--	--	--	--	452	1,634
TOTAL 11/-----	23	213	748	2,104	6,667	19,808

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

4/ Includes macadam, riprap, jetty stone, filter stone, and coarse aggregate (large).

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and combined coarse and fine aggregate.

8/ Includes crushed stone for cement manufacture, chemical stone for alkali works, chemicals, magnesium metal manufacture, and sulfur oxide removal.

9/ Includes crushed stone for paper manufacture and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	2,060	4,380	--	--
Asphaltic concrete aggregate 2/-----	102	326	532	1,221	--	--
Road bases and covering 3/-----	977	1,559	899	1,830	96	275
Fill-----	38	72	858	1,341	--	--
Snow and ice control-----	17	75	76	195	--	--
Railroad ballast-----	--	--	--	--	--	--
Roofing granules-----	--	--	W	W	--	--
Other miscellaneous-----	172	484	60	221	--	--
Other unspecified 5/-----	317	1,277	976	1,789	204	446
TOTAL 6/-----	1,623	3,793	5,462	10,978	300	720

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

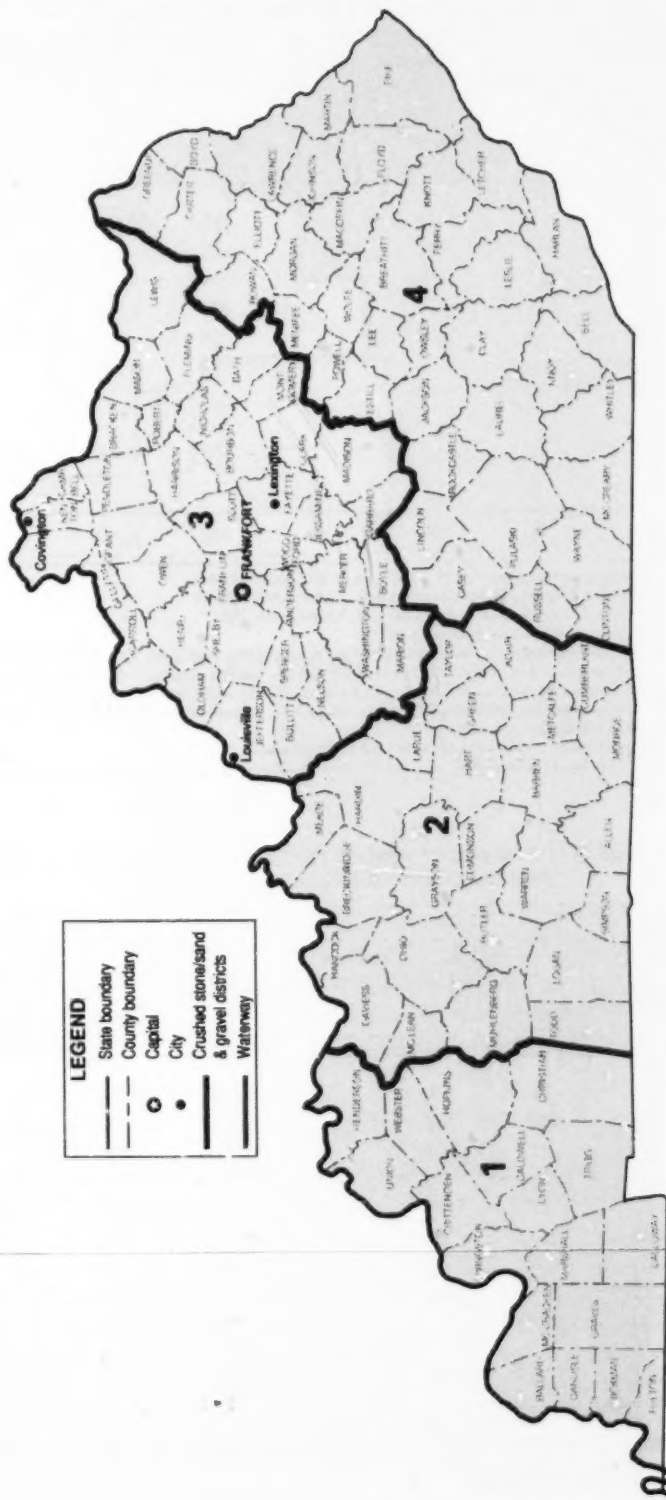
2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Less than 1/2 unit.

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



KENTUCKY

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 1/-----	1,616	5,173	262	1,039	676	2,892	382	1,571
Coarse aggregate, graded 2/-----	1,855	6,178	1,014	3,998	3,365	13,322	1,380	4,912
Fine aggregate (-3/8 inch) 3/-----	110	445	723	2,859	1,434	4,559	1,780	6,563
Coarse and fine aggregate 4/-----	1,556	5,224	1,577	5,995	4,838	17,531	1,509	5,444
Other construction-----	--	--	--	--	93	437	415	415
Agricultural 5/-----	204	703	374	1,496	1,658	6,037	118	458
Chemical and metallurgical 6/-----	W	W	1,048	3,489	3,138	10,284	--	--
Special 7/-----	--	--	--	--	W	W	--	--
Other miscellaneous-----	--	--	73	219	--	--	183	653
Other unspecified 8/-----	2,843	9,758	1,530	5,786	1,437	4,689	832	2,851
TOTAL 9/-----	8,184	27,480	6,601	24,881	16,639	59,750	6,598	22,867

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes macadam, riprap, jetty stone, filter stone, and coarse aggregate (large).

2/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

3/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

4/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

5/ Includes agricultural limestone, and poultry grit and mineral food.

6/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and chemicals.

7/ Includes crushed stone for abrasives, mine dusting, paper manufacture, and asphalt filler.

8/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

9/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	1,803	2,973	W	W	--	--
Asphaltic concrete aggregate 2/-----	--	--	--	--	839	2,373	--	--
Road bases and covering and fill-----	W	W	W	W	284	619	--	--
Snow and ice control-----	--	--	W	W	--	--	--	--
Other miscellaneous-----	272	881	2	7	2,204	5,976	--	--
Other unspecified 3/-----	394	1,475	351	1,083	1,008	1,460	36	139
TOTAL 4/-----	666	2,357	2,157	4,063	4,335	10,428	36	139

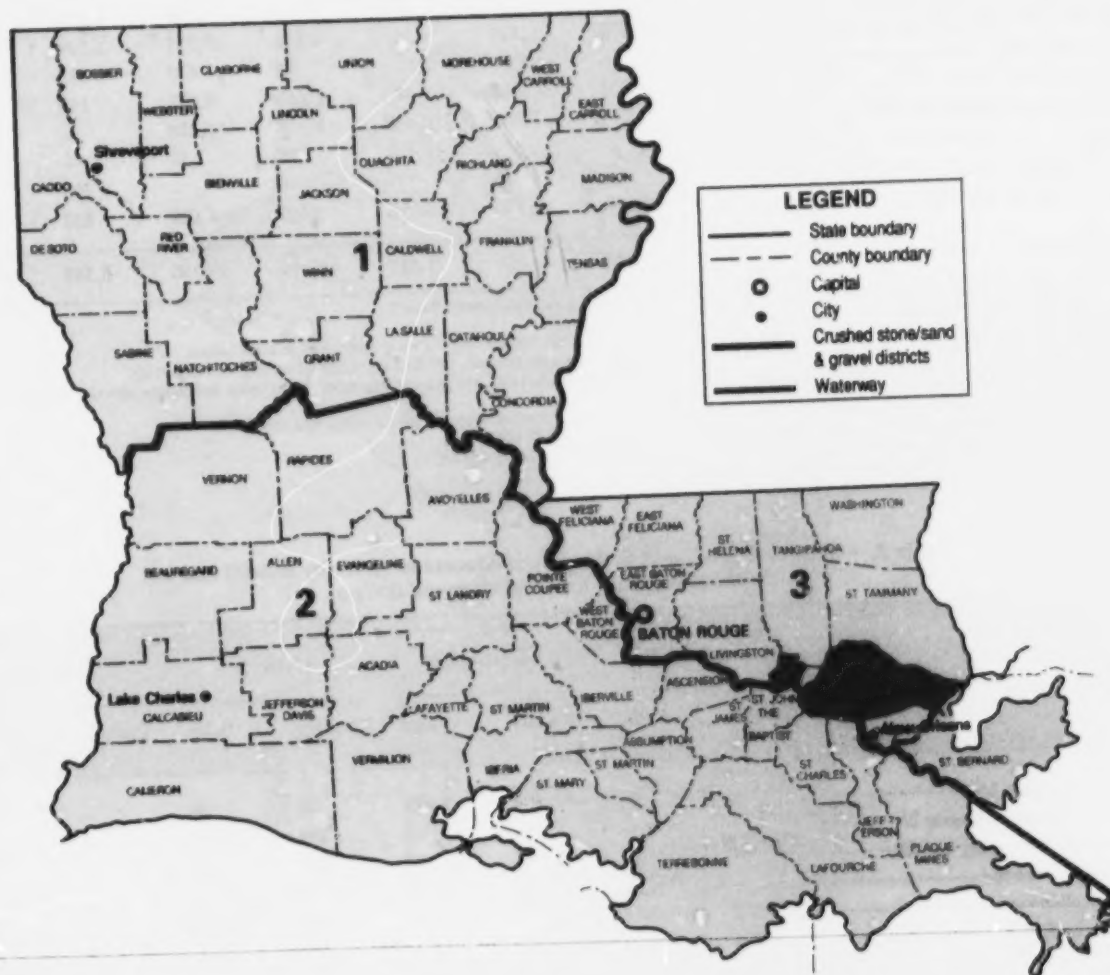
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



LOUISIANA

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

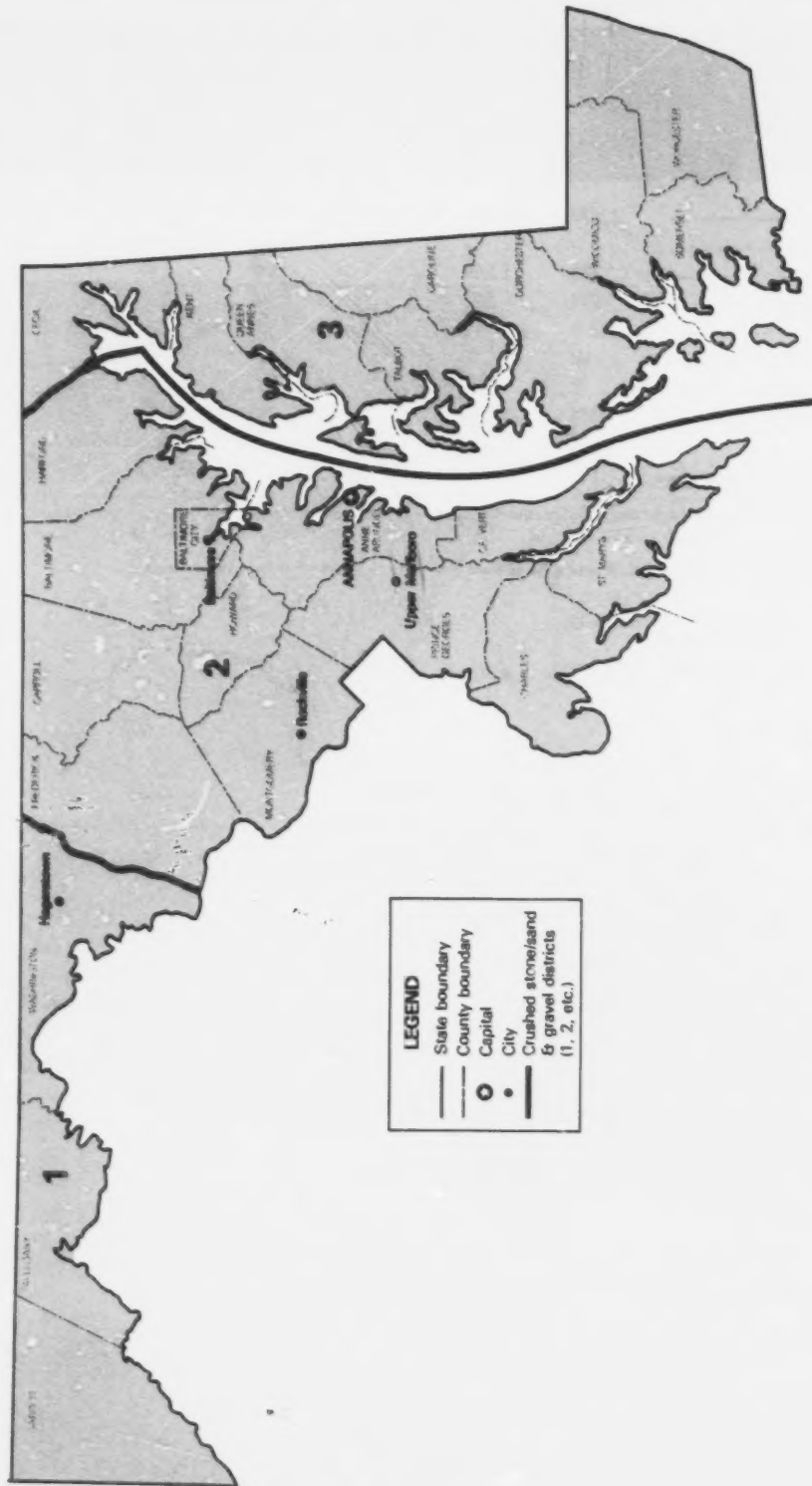
Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,577	7,048	656	3,581	802	2,484
Plaster and gunite sands-----	--	--	--	--	W	W
Asphaltic concrete aggregate 2/-----	328	1,804	W	W	W	W
Road bases and covering-----	174	526	42	218	164	501
Fill-----	7	14	72	179	1,271	1,511
Roofing granules-----	W	W	W	W	--	--
Other miscellaneous-----	7	29	177	455	343	1,234
Other unspecified 3/-----	1,047	4,195	1,787	8,490	5,838	13,865
TOTAL -----	3,140	13,616	2,734	12,923	8,418	19,595

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes concrete sand.

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for production reported without a breakdown by end use, and estimates for nonrespondents.



MARYLAND

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	(1/)	(1/)	2,854	10,544	(1/)	(1/)
Coarse aggregate, graded 4/-----	701	2,502	5,075	20,173	(1/)	(1/)
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	834	3,000	--	--
Coarse and fine aggregate 6/-----	969	3,290	6,937	32,205	1,232	6,624
Other construction-----	428	1,925	33	132	1,442	7,401
Agricultural 7/-----	--	--	(2/)	(2/)	(2/)	(2/)
Chemical and metallurgical 8/-----	(2/)	(2/)	1,906	3,509	--	--
Special 9/-----	--	--	(2/)	(2/)	--	--
Other miscellaneous-----	--	--	--	--	(2/)	(2/)
Other unspecified 10/-----	1,121	2,482	601	2,606	271	2,171
TOTAL 11/-----	3,218	10,199	18,241	72,170	2,945	16,196

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes macadam, riprap and jetty stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

8/ Includes crushed stone for cement manufacture, lime manufacture, and flux stone.

9/ Includes crushed stone for asphalt filler, whitening or whitening substitute, and other fillers or extenders.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	7,691	41,277	W	W
Asphaltic concrete 2/-----	--	--	1,770	6,494	144	245
Fill-----	--	--	469	1,428	247	597
Snow and ice control-----	--	--	W	W	--	--
Roofing granules-----	--	--	W	W	--	--
Other miscellaneous-----	20	135	119	553	2,454	10,749
Other unspecified 3/-----	1	8	4,880	24,116	377	1,323
TOTAL 4/-----	22	142	14,930	73,869	3,222	12,913

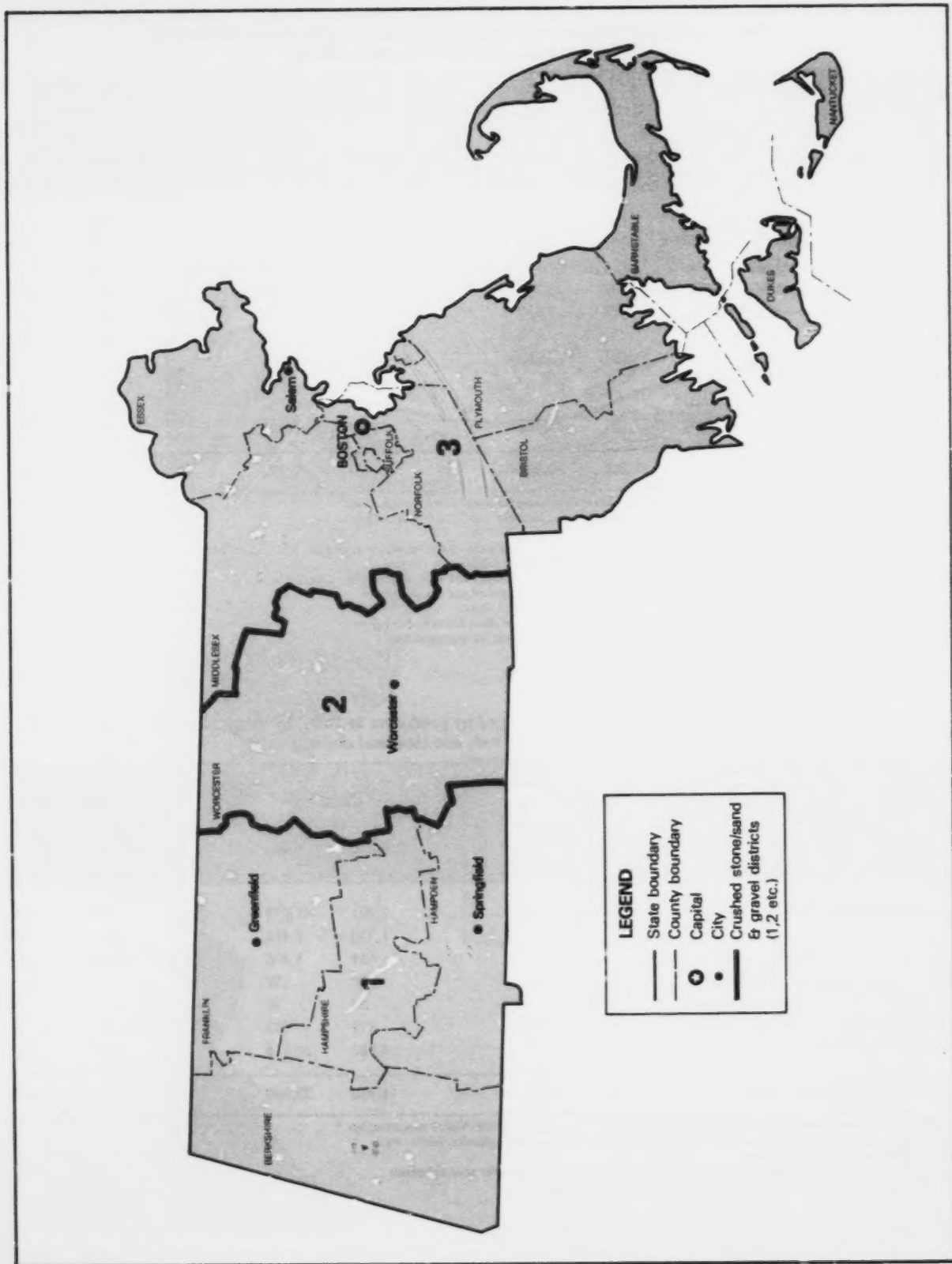
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes road bases and covering.

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



MASSACHUSETTS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 3/-----	(1/)	(1/)	(1/)	(1/)	642	2,271
Coarse aggregate, graded 4/-----	(1/)	(1/)	(1/)	(1/)	2,473	13,607
Fine aggregate (-3/8 inch) 5/-----	--	--	(1/)	(1/)	306	1,675
Coarse and fine aggregate 6/-----	(1/)	(1/)	(1/)	(1/)	1,346	6,935
Other construction-----	998	3,312	363	1,534	453	2,276
Agricultural 7/-----	147	1,019	--	--	--	--
Chemical and metallurgical 8/-----	(2/)	(2/)	--	--	--	--
Special 9/-----	(2/)	(2/)	--	--	--	--
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 10/-----	733	3,623	353	1,600	1,538	5,030
TOTAL 11/-----	1,879	7,954	716	3,134	6,759	31,793

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone and poultry grit.

8/ Includes crushed stone for lime manufacture and flux stone.

9/ Includes crushed stone for asphalt filler, whitening or whitening substitute, and other fillers or extenders.

10/ Includes mineral grit and production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,061	4,618	582	1,760	3,367	18,060
Asphaltic concrete aggregate 2/-----	657	2,059	450	549	921	3,854
Fill-----	313	390	363	533	1,090	2,184
Snow and ice control-----	142	402	44	89	192	877
Railroad ballast-----	--	--	--	--	W	W
Roofing granules-----	W	W	W	W	--	--
Other miscellaneous-----	5	43	41	242	329	1,965
Other unspecified 3/-----	1,709	3,464	2,207	4,335	5,727	15,039
TOTAL 4/-----	3,887	10,976	3,688	7,509	11,625	41,980

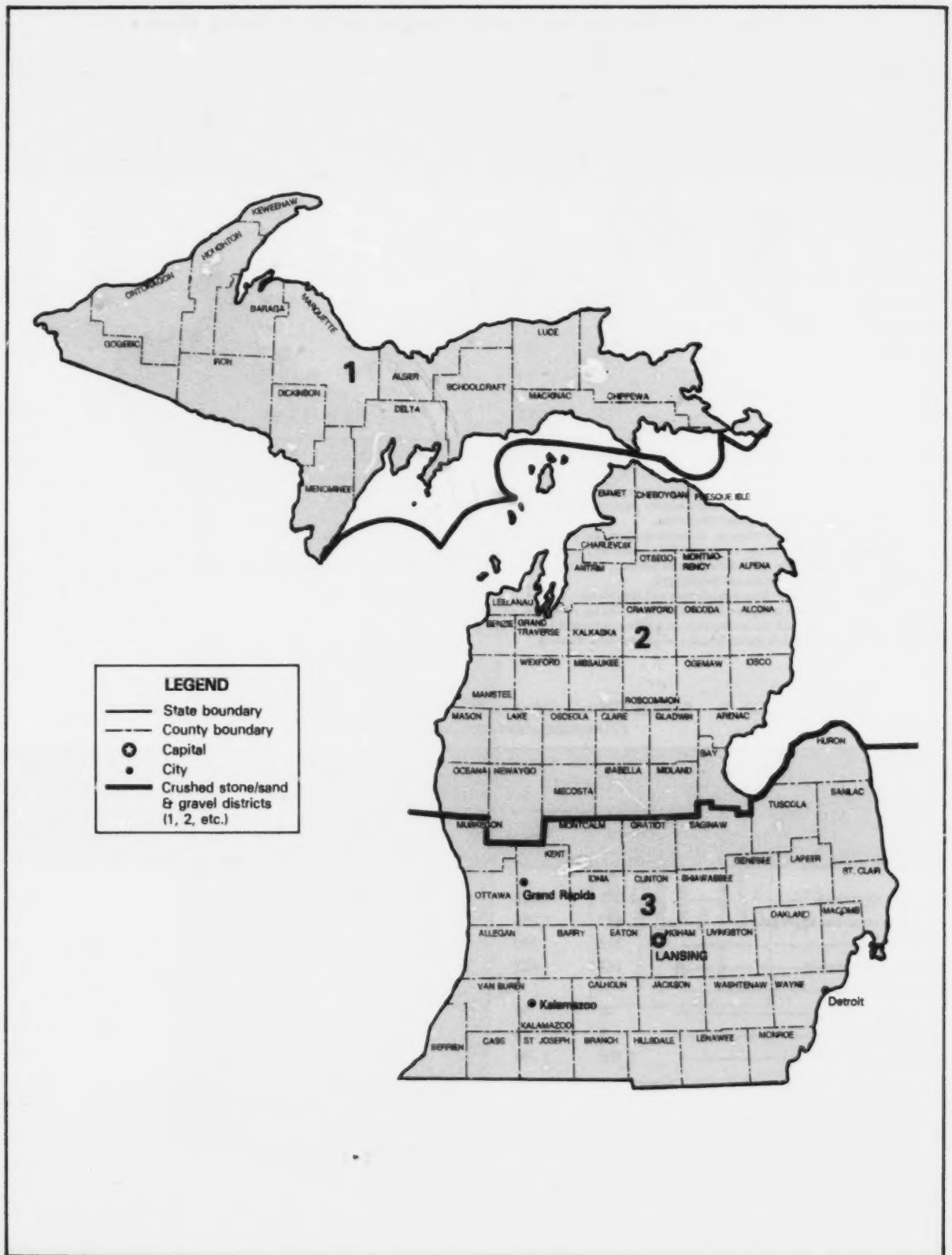
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for road and other stabilization (lime).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



MICHIGAN

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 1/-----	401	1,762	276	756	62	349
Coarse aggregate, graded 2/-----	600	2,306	1,470	3,576	1,184	4,601
Fine aggregate (-3/8 inch) 3/-----	614	1,844	117	146	84	257
Coarse and fine aggregate 4/-----	292	1,009	3,131	6,798	1,336	5,603
Other construction-----	--	--	--	--	100	400
Agricultural 5/-----	227	731	--	--	233	1,064
Chemical and metallurgical 6/-----	3,728	14,268	13,371	36,367	1,138	3,596
Special 7/-----	--	--	W	W	--	--
Other miscellaneous-----	--	--	--	--	10	39
Other unspecified 8/-----	56	84	156	456	2,099	9,940
TOTAL 9/-----	5,918	22,004	18,521	48,100	6,246	25,848

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes riprap, jetty stone, and filter stone.

2/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

3/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

4/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

5/ Includes agricultural limestone, and poultry grit and mineral food.

6/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and disinfectant.

7/ Includes waste material.

8/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

9/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	328	1,900	855	1,941	4,490	14,632
Asphaltic concrete aggregate 2/-----	319	720	698	1,548	1,533	3,353
Road bases and covering 3/-----	649	1,504	1,272	2,740	6,091	12,183
Fill-----	147	161	444	719	1,687	2,418
Snow and ice control-----	150	165	193	316	149	310
Railroad ballast-----	42	42	--	--	14	50
Other miscellaneous-----	--	--	2	5	201	594
Other unspecified 4/-----	1,016	1,435	1,467	2,475	20,764	42,674
TOTAL 5/-----	2,651	5,928	4,932	9,744	34,930	76,214

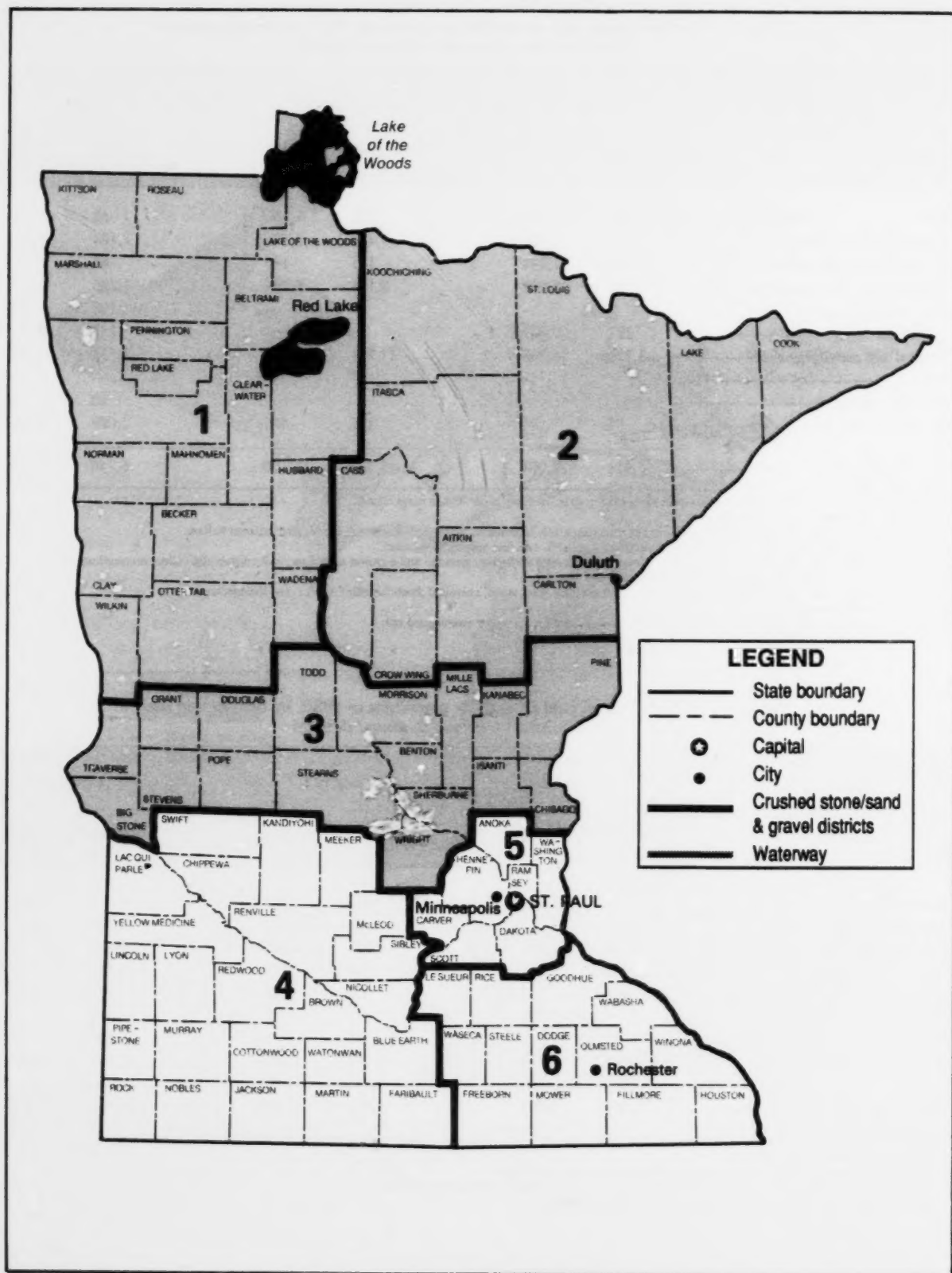
1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



MINNESOTA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	--	--	W	W	(1/)	(1/)
Coarse aggregate, graded 4/-----	--	--	W	W	(1/)	(1/)
Fine aggregate (-3/8 inch) 5/-----	--	--	--	--	(1/)	(1/)
Coarse and fine aggregate 6/-----	--	--	--	--	(1/)	(1/)
Other construction-----	--	--	--	--	1,085	2,712
Agricultural 7/-----	--	--	--	--	--	--
Chemical and metallurgical 8/-----	--	--	--	--	--	--
Special 9/-----	--	--	--	--	--	--
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 10/-----	--	--	--	--	930	2,448
TOTAL 11/-----	--	--	W	W	2,015	5,160

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, and poultry grit and mineral food.

8/ Includes crushed stone for lime manufacture.

9/ Includes crushed stone for other fillers or extenders, and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 2/-----	487	1,620	100	514	555	1,208
Asphaltic concrete aggregate 3/-----	380	1,125	354	628	507	876
Road bases and covering 4/-----	1,057	1,937	857	1,429	1,479	2,241
Fill-----	146	308	189	360	82	123
Snow and ice control-----	12	26	12	46	18	27
Railroad ballast-----	--	--	W	W	--	--
Roofing granules-----	16	173	--	--	--	--
Other miscellaneous-----	66	234	--	--	8	68
Other unspecified 5/-----	1,504	3,398	771	2,025	1,013	1,959
TOTAL 6/-----	3,668	8,820	2,283	5,002	3,662	6,503

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Excludes 309,000 short tons valued at \$425,000 not reported by county.

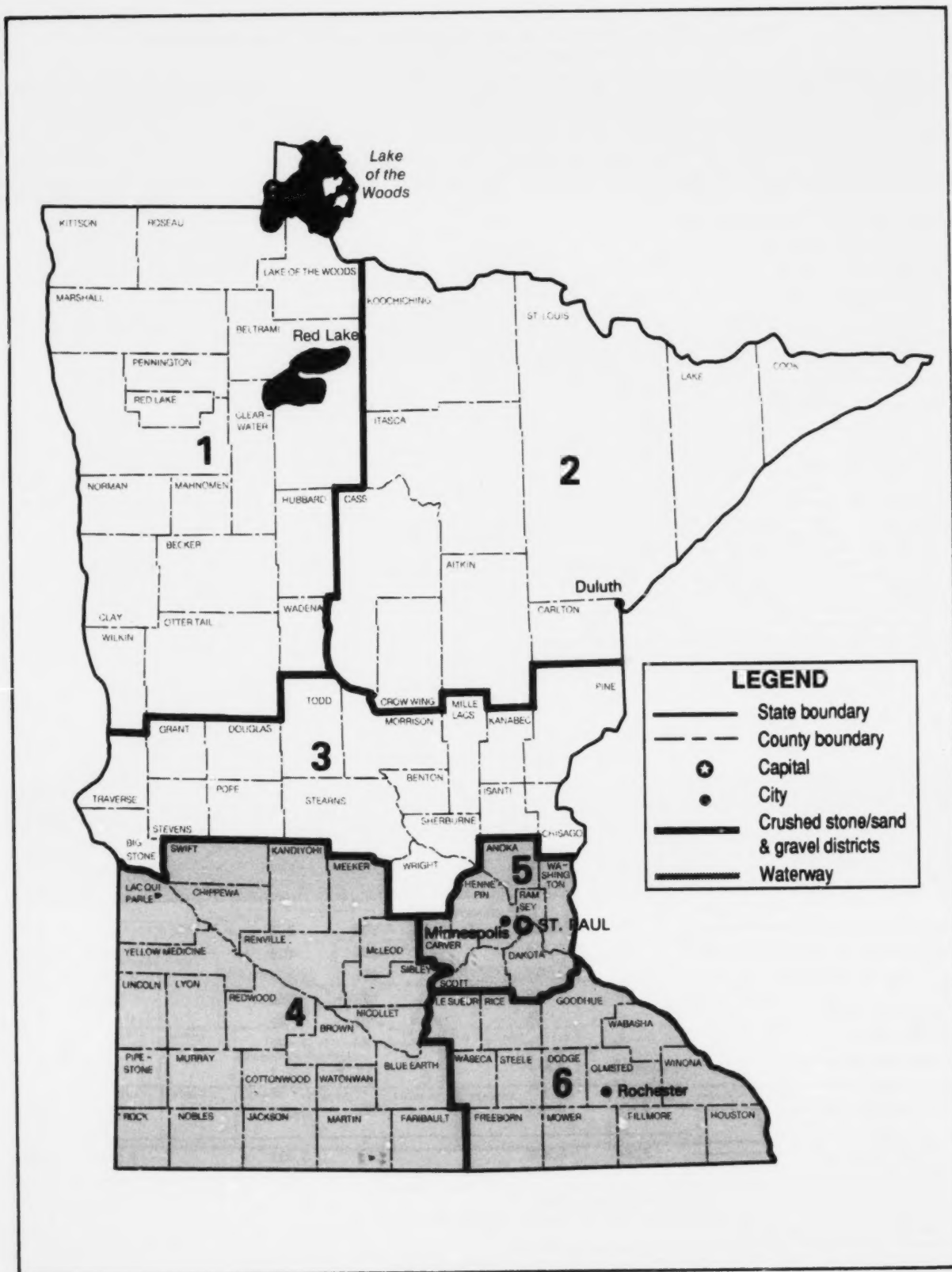
2/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

3/ Includes other bituminous mixtures.

4/ Includes sand and gravel for road and other stabilization (cement and lime).

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



MINNESOTA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	W	W	297	1,160	30	72
Coarse aggregate, graded 4/-----	W	W	(1/)	(1/)	126	460
Fine aggregate (-3/8 inch) 5/-----	W	W	(1/)	(1/)	(1/)	(1/)
Coarse and fine aggregate 6/-----	W	W	1,254	3,342	827	1,978
Other construction-----	--	--	265	881	6	15
Agricultural 7/-----	W	W	(2/)	(2/)	169	570
Chemical and metallurgical 8/-----	--	--	--	--	(2/)	(2/)
Special 9/-----	--	--	(2/)	(2/)	--	--
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 10/-----	W	W	988	3,309	1,215	3,678
TOTAL 11/-----	W	W	2,802	8,693	2,373	6,774

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone, and poultry grit and mineral food.

8/ Includes crushed stone for lime manufacture.

9/ Includes crushed stone for other fillers or extenders, and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 2/-----	487	1,620	100	514	555	1,208
Asphaltic concrete aggregate 3/-----	W	W	2,649	5,506	W	W
Road bases and covering 4/-----	585	1,003	1,184	2,693	287	556
Fill-----	110	188	989	1,329	374	469
Snow and ice control-----	W	W	W	W	52	136
Railroad ballast-----	--	--	--	--	W	W
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	W	W	W	W	W	W
Other unspecified 5/-----	2,164	4,707	835	1,666	1,298	3,845
TOTAL 6/-----	3,148	6,736	8,501	18,761	2,485	6,870

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Excludes 309,000 short tons valued at \$425,000 not reported by county.

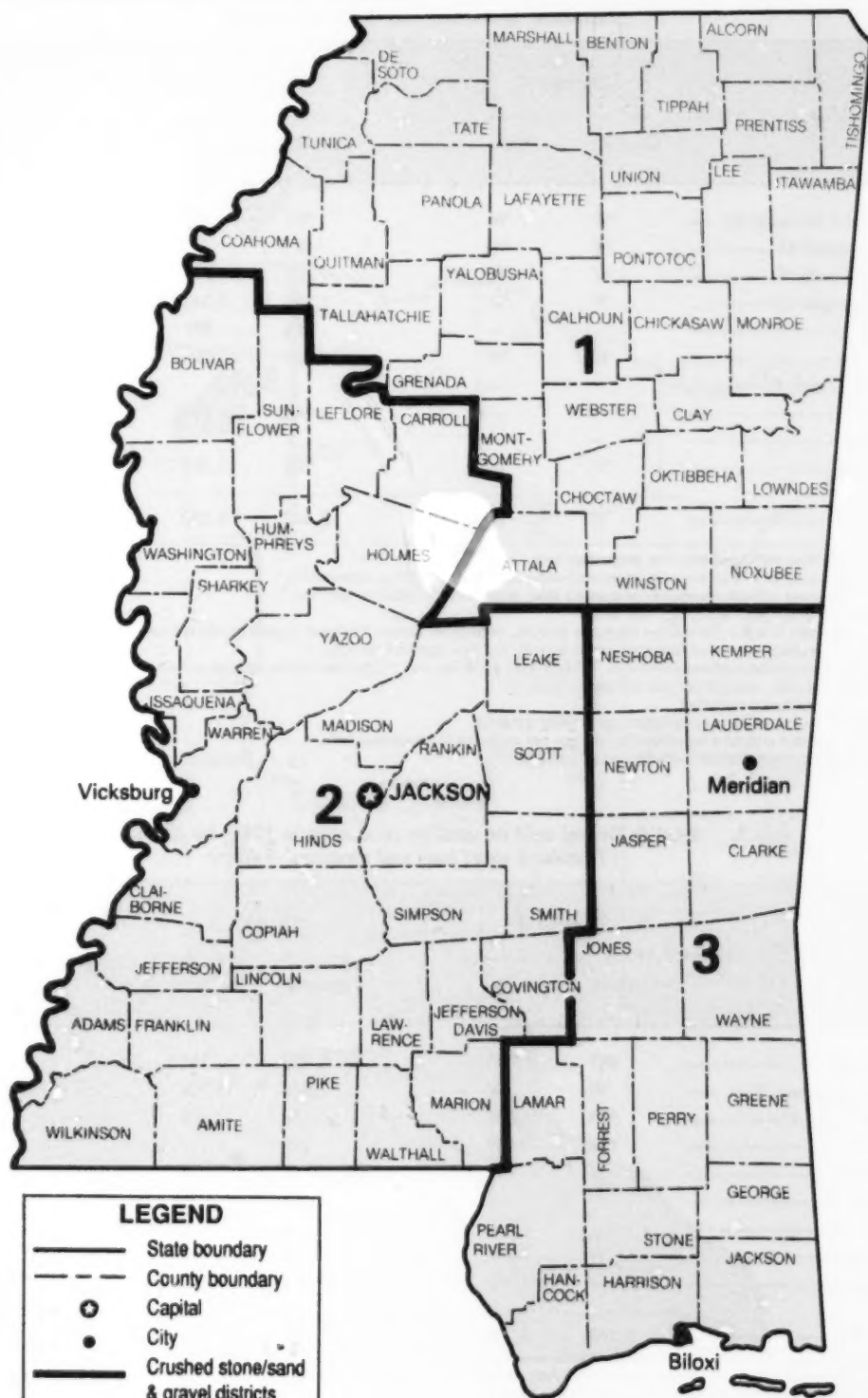
2/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

3/ Includes other bituminous mixtures.

4/ Includes sand and gravel for road and other stabilization (cement and lime).

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



MISSISSIPPI

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,255	4,084	1,259	5,869	967	3,316
Asphaltic concrete aggregate 2/-----	W	W	539	1,851	W	W
Road bases and covering-----	1,036	2,215	445	1,443	130	186
Fill-----	271	817	63	95	918	934
Other miscellaneous-----	431	1,294	11	12	412	1,278
Other unspecified 3/-----	2,962	6,988	3,242	9,417	1,139	3,009
TOTAL -----	5,955	15,398	5,559	18,687	3,566	4/ 8,724

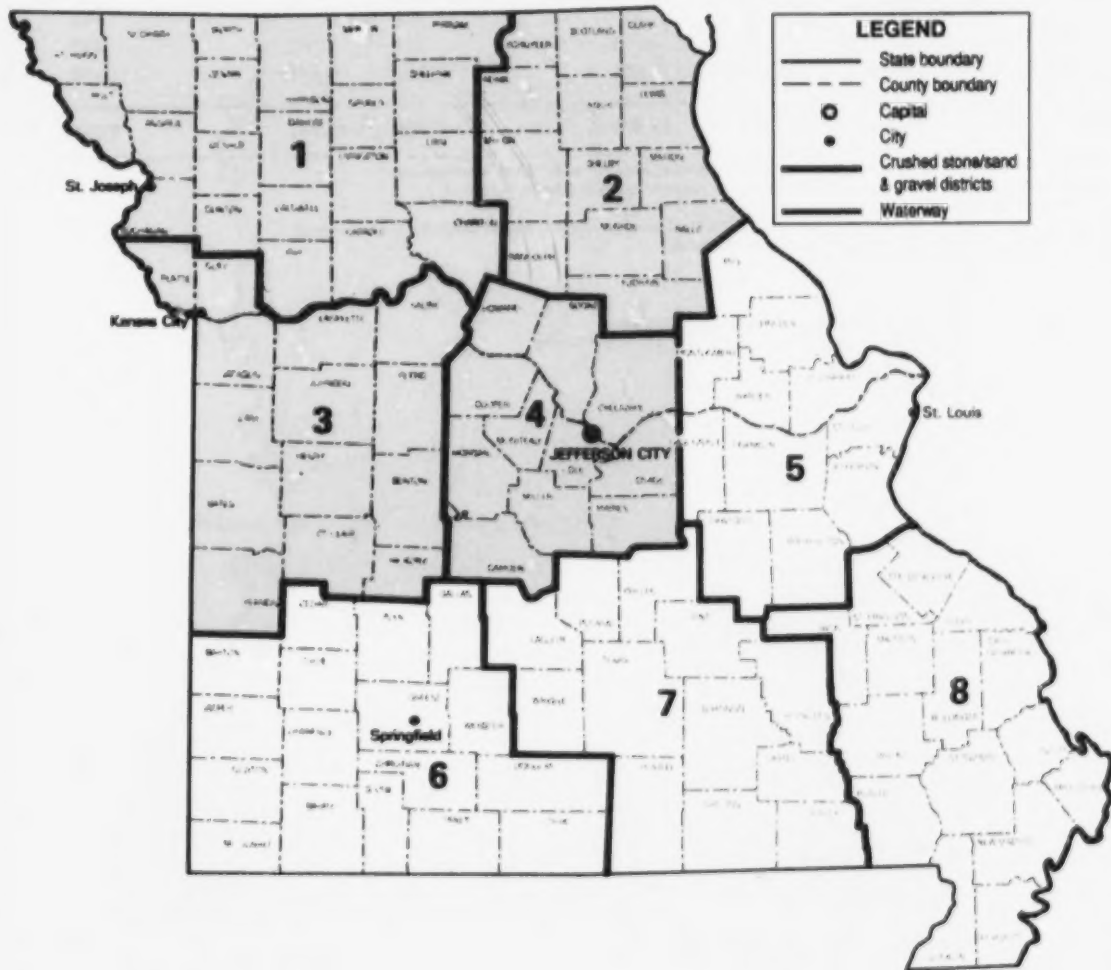
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for production reported without a breakdown by end use, and estimates for nonrespondents.

4/ Data do not add to total shown because of independent rounding.



MISSOURI

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 3/-----	68	322	(1/)	(1/)	332	1,177	155	397
Coarse aggregate, graded 4/-----	513	2,056	(1/)	(1/)	1,418	6,547	1,008	3,990
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	(1/)	(1/)	142	568	(1/)	(1/)
Coarse and fine aggregate 6/-----	1,565	5,739	(1/)	(1/)	2,195	8,247	1,092	4,091
Other construction-----	575	3,285	319	849	43	150	59	118
Agricultural 7/-----	115	435	60	213	783	2,273	90	218
Chemical and metallurgical 8/-----	--	--	(2/)	(2/)	2,114	6,989	--	--
Special 9/-----	--	--	--	--	--	--	--	--
Other miscellaneous-----	--	--	906	1,911	--	--	2	16
Other unspecified 10/-----	435	1,468	1,549	5,271	1,953	6,676	909	2,602
TOTAL 11/-----	3,271	13,306	2,833	8,243	8,980	32,628	3,315	11,433

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregates (large).

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal, and fine aggregates (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, building products, and crusher run (select material or fill).

7/ Includes agricultural limestone and poultry grit and mineral food.

8/ Includes crushed stone for cement manufacture, chemical stone for alkali works, and glass manufacture.

9/ Includes crushed stone for asphalt filler, other fillers or extenders, and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	(2/)	(2/)	W	W	603	1,458
Asphaltic concrete aggregate 3/-----	W	W	--	--	W	W	149	354
Fill-----	1	2	--	--	--	--	8	16
Snow and ice control-----	--	--	--	--	4	10	20	46
Railroad ballast-----	--	--	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--	--	--
Other miscellaneous-----	51	227	--	--	52	162	--	--
Other unspecified 4/-----	(2/)	(2/)	(2/)	(2/)	1,588	3,883	577	1,309
TOTAL 5/-----	97	297	273	839	1,644	4,055	1,356	3,183

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

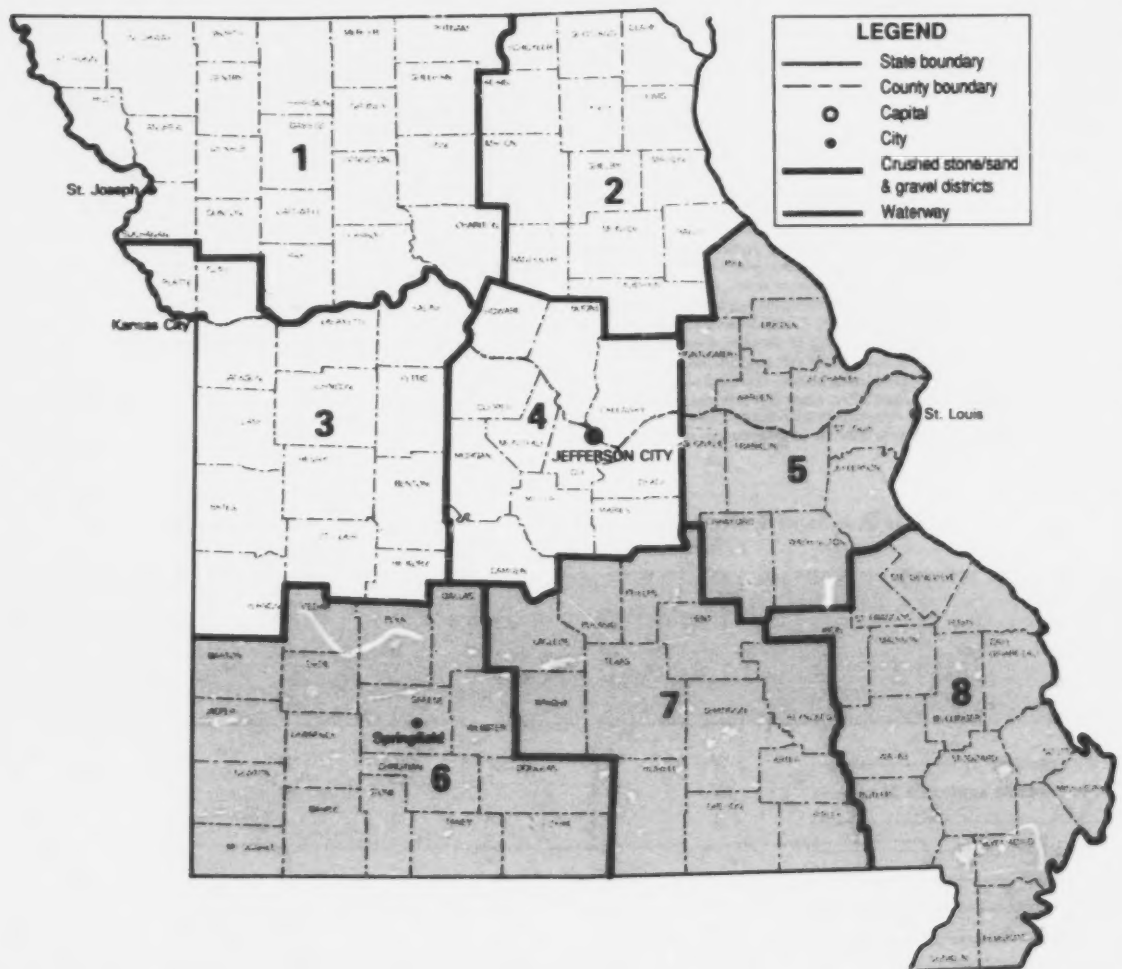
1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Withheld to avoid disclosing individual company proprietary data; included with "Total."

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



MISSOURI

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	1,412	3,098	35	142	5	25	5,016	13,043
Coarse aggregate, graded 4/-----	1,777	4,940	1,524	6,396	463	1,540	2,103	5,041
Fine aggregate (-3/8 inch) 5/-----	56	203	224	889	--	--	(1/)	(1/)
Coarse and fine aggregate 6/-----	7,020	22,202	1,468	5,836	(1/)	(1/)	1,205	3,077
Other construction-----	251	745	--	--	263	841	336	671
Agricultural 7/-----	106	348	509	3,051	98	388	308	1,004
Chemical and metallurgical 8/-----	(2/)	(2/)	189	589	--	--	446	2,457
Special 9/-----	--	--	(2/)	(2/)	--	--	(2/)	(2/)
Other miscellaneous-----	3,179	6,244	104	386	--	--	211	810
Other unspecified 10/-----	1,568	4,795	983	3,128	208	650	1,184	3,948
TOTAL 11/-----	15,368	42,575	5,035	20,418	1,036	3,444	10,807	30,050

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregates (large).

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal, and fine aggregates (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, building products, and crusher run (select material or fill).

7/ Includes agricultural limestone and poultry grit and mineral food.

8/ Includes crushed stone for cement manufacture, chemical stone for alkali works, and glass manufacture.

9/ Includes crushed stone for asphalt filler, other fillers or extenders, and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	3,255	8,241	22	135	361	674	111	349
Asphaltic concrete aggregate 3/-----	351	1,226	4	14	134	402	101	184
Fill-----	108	428	58	160	1	3	3	9
Snow and ice control-----	10	35	--	--	W	W	W	W
Railroad ballast-----	--	--	--	--	--	--	--	--
Roofing granules-----	5	32	--	--	--	--	--	--
Other miscellaneous-----	--	--	--	--	3	13	16	49
Other unspecified 4/-----	758	1,467	311	579	424	872	338	817
TOTAL 5/-----	4,488	11,429	396	889	922	1,964	570	1,408

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

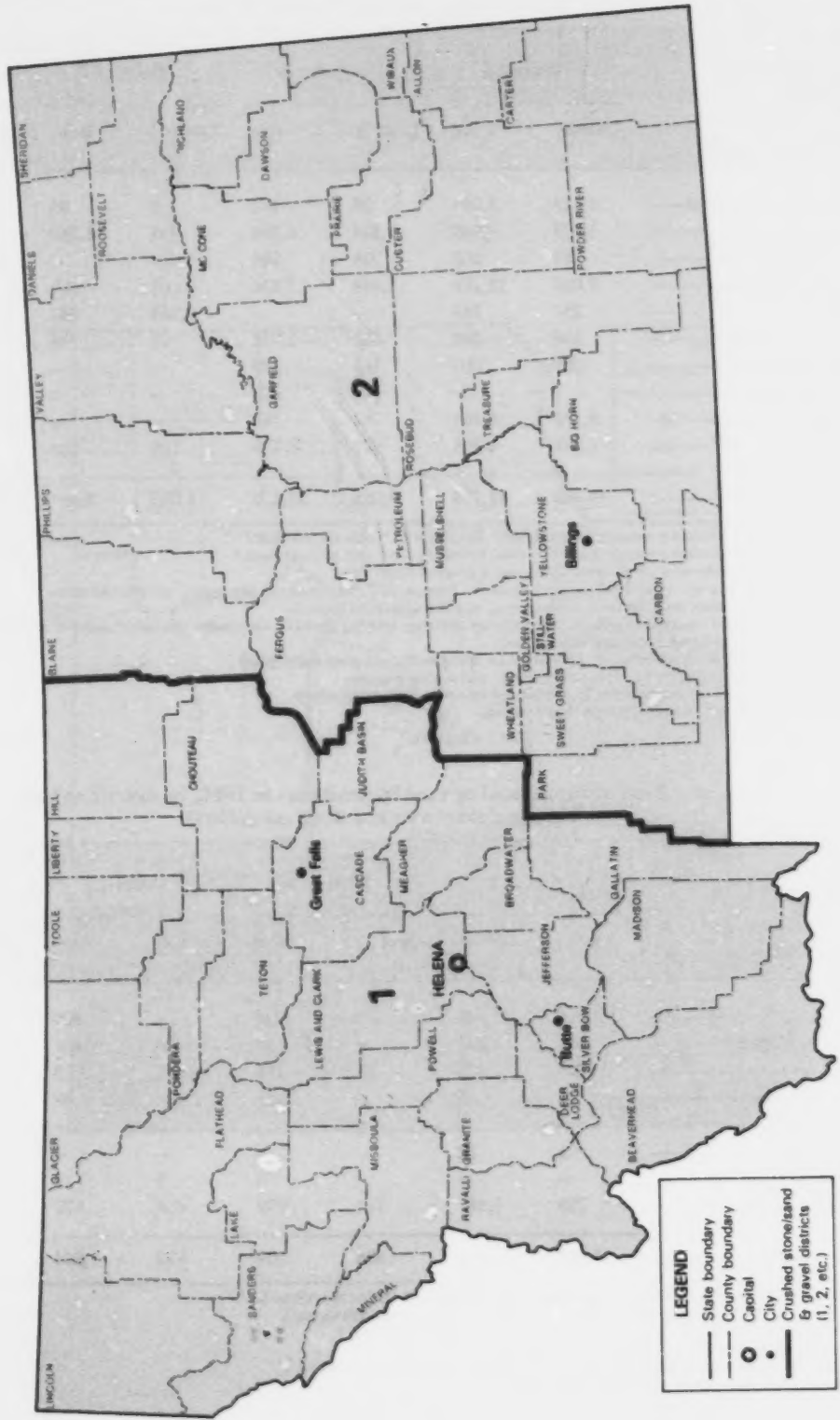
1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Withheld to avoid disclosing individual company proprietary data; included with "Total."

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



MONTANA

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	488	1,717	263	982
Asphaltic concrete aggregate 2/-----	613	1,592	842	2,311
Road bases and covering 3/-----	1,602	3,450	940	1,255
Fill-----	266	774	58	71
Snow and ice control-----	W	W	W	W
Railroad ballast-----	W	W	--	--
Other miscellaneous-----	167	350	3	13
Other unspecified 4/-----	1,469	3,656	1,355	3,222
TOTAL 5/-----	4,605	11,538	3,460	7,853

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

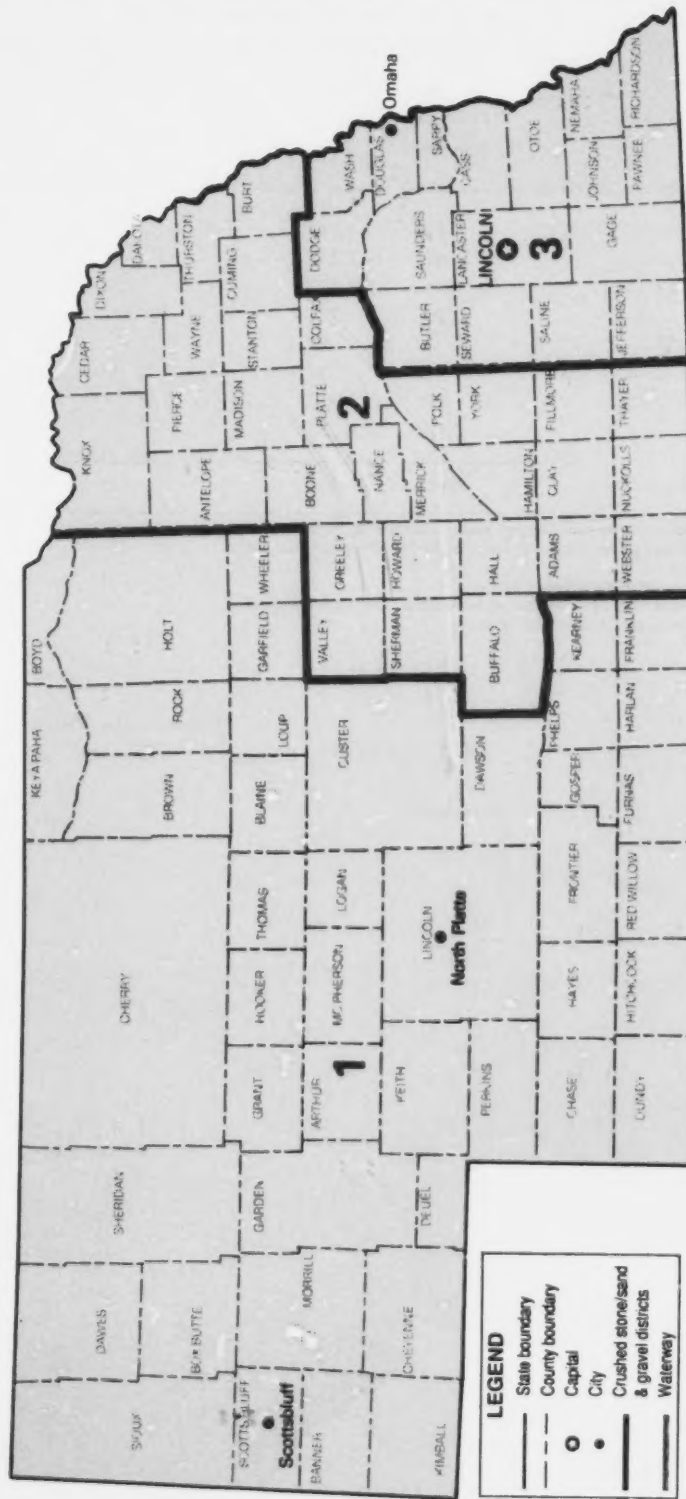
1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



NEBRASKA

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	205	420	646	1,574	976	2,835
Plaster and gunite sands-----	15	25	33	69	62	157
Concrete products (blocks, bricks, etc.)	W	W	W	W	229	675
Asphaltic concrete aggregate 2/-----	153	373	256	715	339	1,275
Road bases and covering 3/-----	645	1,104	1,127	2,884	535	1,615
Fill-----	29	41	186	280	145	204
Snow and ice control-----	3	6	2	4	16	42
Roofing granules-----	--	--	W	W	W	W
Other miscellaneous-----	14	35	73	294	65	237
Other unspecified-----	763	1,660	1,076	2,511	2,081	4,876
TOTAL 4/-----	1,826	3,664	3,400	8,330	4,449	11,917

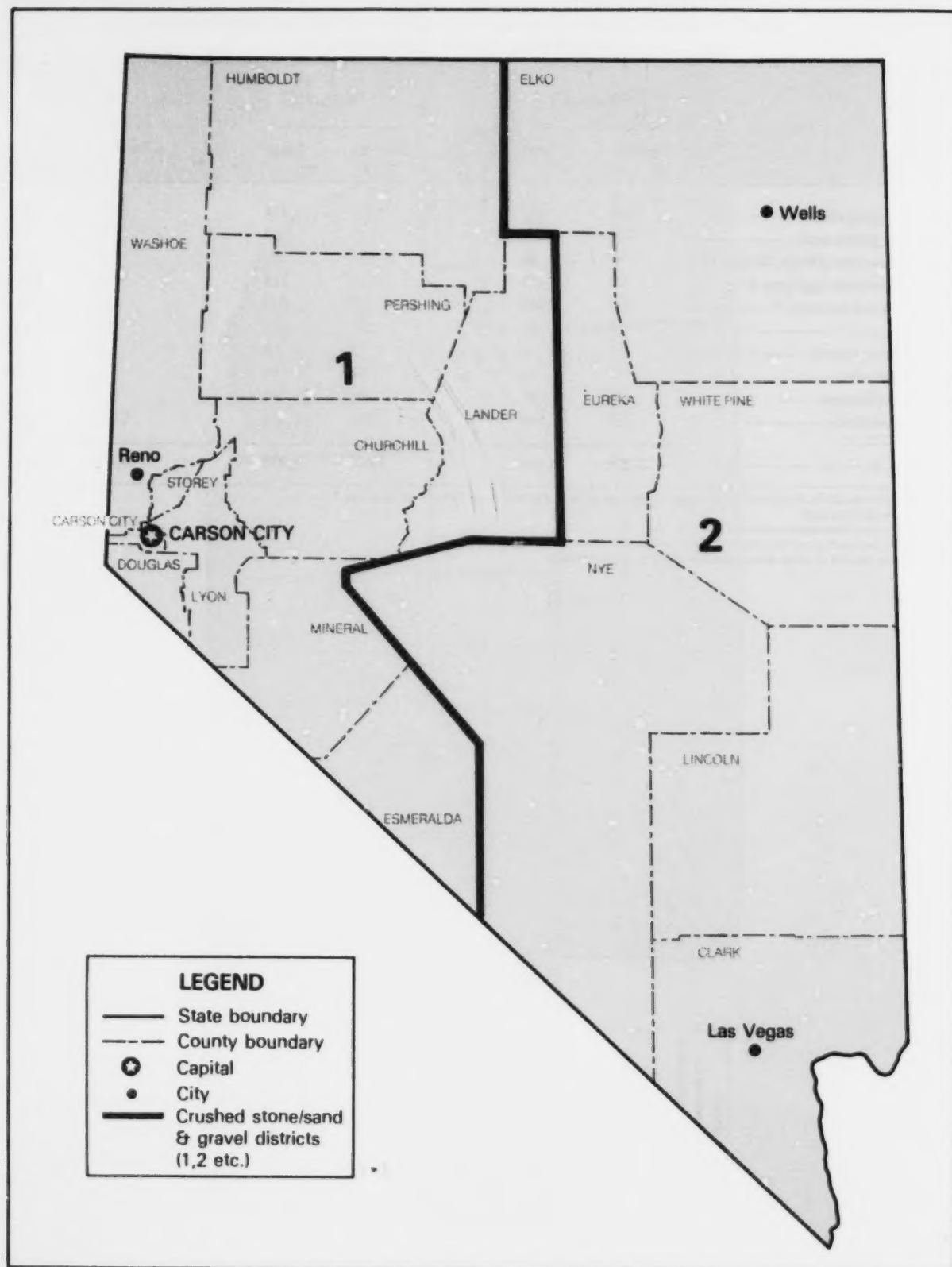
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes concrete sand.

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Data may not add to totals shown because of independent rounding.



NEVADA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Coarse aggregate, graded 1/-----	W	W	W	W
Fine aggregate (-3/8 inch) 2/-----	W	W	--	--
Coarse and fine aggregate 3/-----	W	W	--	--
Other construction-----	--	--	W	W
Agricultural 4/-----	W	W	--	--
Chemical and metallurgical 5/-----	W	W	W	W
Other miscellaneous-----	--	--	W	W
TOTAL -----	658	3,600	675	2,618

W Withheld to avoid disclosing individual company proprietary data; included with "Total."

1/ Includes concrete aggregates (coarse), and railroad ballast.

2/ Includes stone sand (concrete).

3/ Includes crushed stone for unpaved road surfacing.

4/ Includes poultry grit and mineral food, and other agricultural uses.

5/ Includes crushed stone for cement manufacture, and lime manufacture.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	916	3,306	914	4,619
Asphaltic concrete aggregate 2/-----	491	1,792	684	1,719
Road bases and covering 3/-----	782	2,634	1,146	2,363
Fill-----	279	905	160	368
Snow and ice control-----	60	179	--	--
Railroad ballast-----	8	41	--	--
Other miscellaneous-----	48	220	110	1,324
Other unspecified 4/-----	3,261	6,733	3,337	9,488
TOTAL 5/ -----	5,846	15,810	6,351	19,882

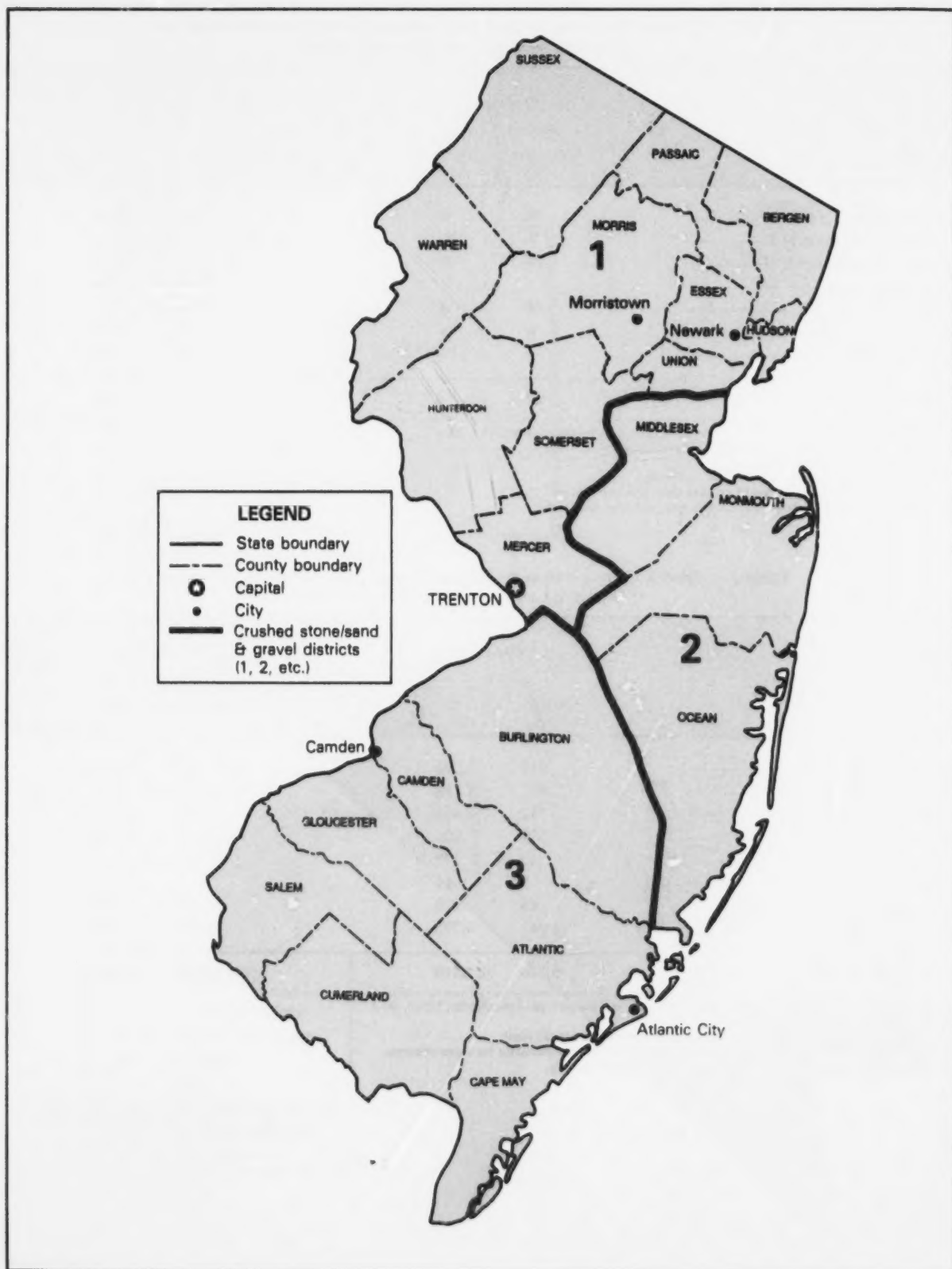
1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



NEW JERSEY

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	864	5,015	842	3,538	2,022	5,436
Asphaltic concrete aggregate 2/-----	856	5,156	263	759	765	3,416
Fill-----	188	644	38	113	451	1,628
Snow and ice control-----	W	W	26	124	W	W
Other miscellaneous-----	--	--	85	320	122	353
Other unspecified 3/-----	2,203	9,207	3,693	13,741	1,580	4,297
TOTAL 4/-----	4,112	20,021	4,947	18,595	4,940	15,130

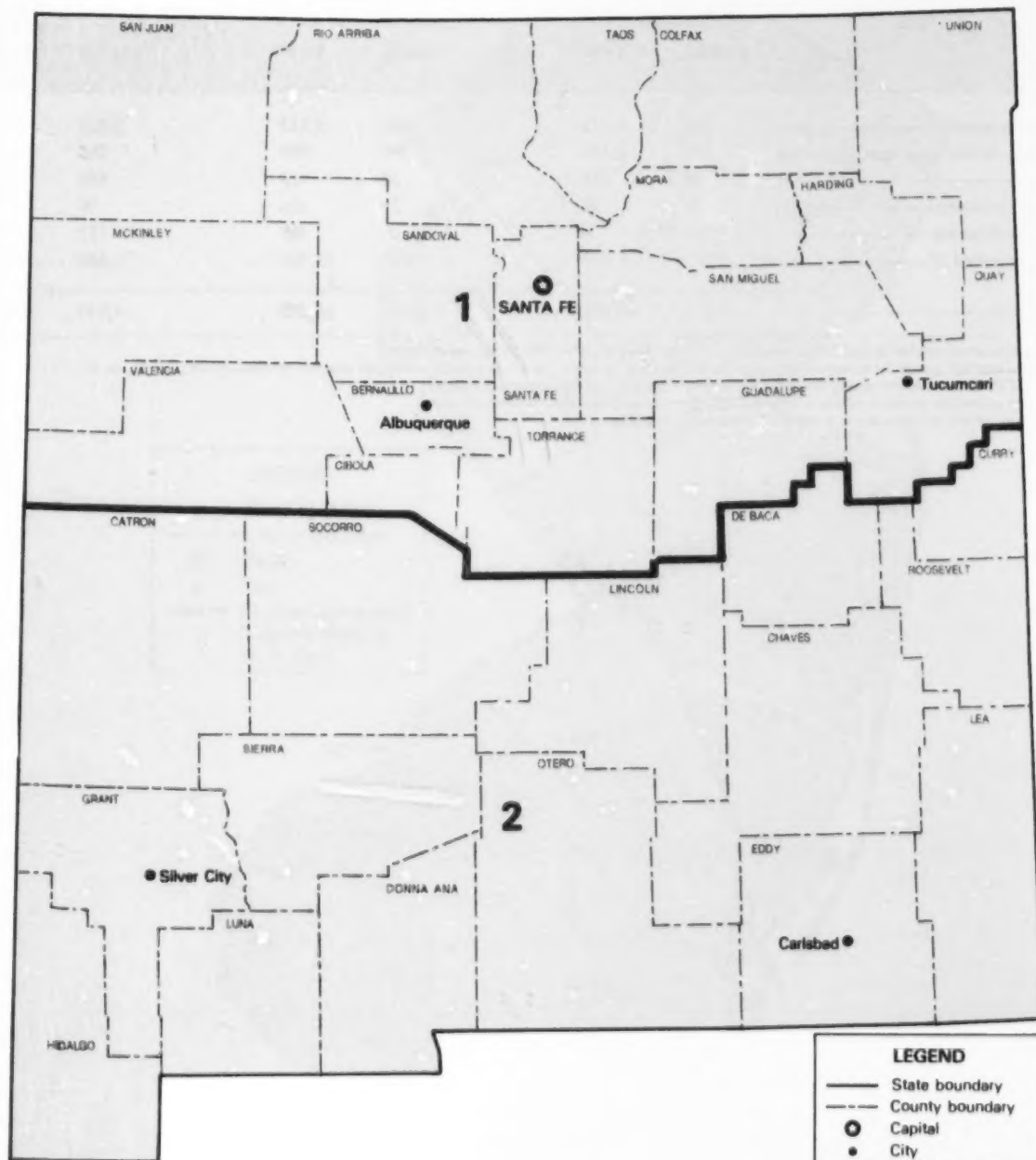
W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes asphaltic concrete aggregates, other bituminous mixtures, and road bases and covering.

3/ Includes production reported without a breakdown by end use, and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



NEW MEXICO

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	(1/)	(1/)	(1/)	(1/)
Coarse aggregate, graded 4/-----	1,109	4,680	271	983
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	(1/)	(1/)
Coarse and fine aggregate 6/-----	520	2,082	474	2,353
Other construction 7/-----	119	595	338	1,868
Chemical and metallurgical 8/-----	(2/)	(2/)	(2/)	(2/)
Special 9/-----	(2/)	(2/)	(2/)	(2/)
Other miscellaneous-----	595	2,069	15	113
Other unspecified 10/-----	7	9	193	480
TOTAL -----	11/ 2,351	9,435	1,291	5,797

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes riprap and jetty stone.

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), and stone sand (bituminous mix or seal).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

7/ Includes lightweight aggregates.

8/ Includes crushed stone for cement manufacture, and flux stone.

9/ Includes crushed stone for other fillers or extenders, and roofing granules.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,132	3,992	1,407	6,258
Plaster and gunite sands-----	175	807	55	188
Asphaltic concrete aggregate 2/-----	469	1,204	136	479
Road bases and covering 3/-----	977	2,296	609	1,487
Fill-----	107	218	224	346
Snow and ice control-----	(4/)	1	--	--
Railroad ballast-----	--	--	W	W
Other miscellaneous-----	179	1,169	80	211
Other unspecified 5/-----	2,164	5,141	757	2,063
TOTAL 6/-----	5,203	14,830	3,268	11,033

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes concrete sand.

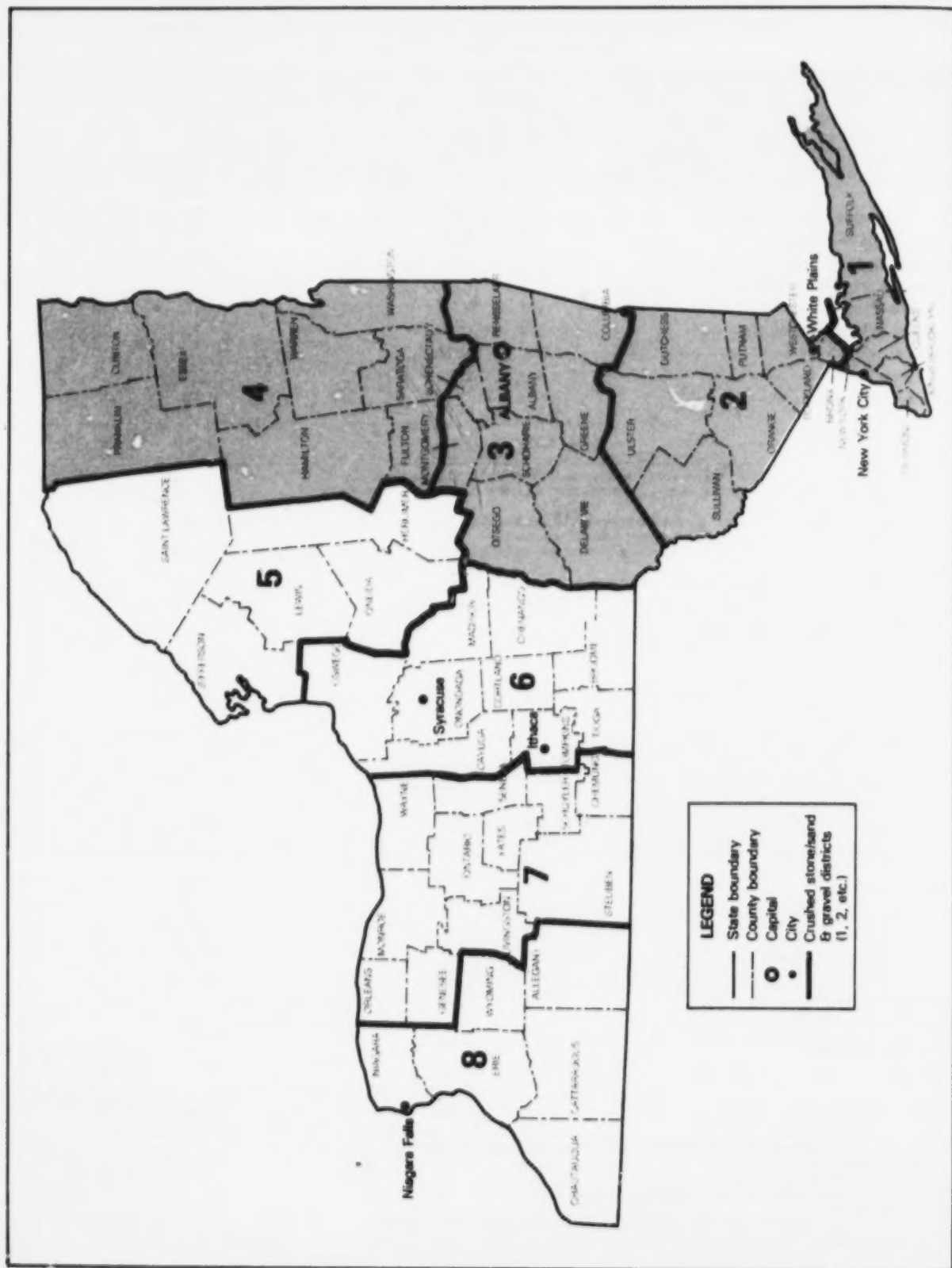
2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Less than 1/2 unit.

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



NEW YORK

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 4/-----	--	--	292	1,967	208	1,129	49	200
Coarse aggregate, graded 5/-----	--	--	1,505	10,399	1,431	6,890	1,098	4,166
Fine aggregate (-3/8 inch) 6/-----	--	--	160	767	171	850	173	730
Coarse and fine aggregate 7/-----	--	--	408	2,615	219	914	483	1,459
Other construction 8/-----	--	--	(2/)	(2/)	--	--	129	495
Agricultural-----	--	--	(2/)	(2/)	(3/)	(3/)	(3/)	(3/)
Chemical and metallurgical 9/-----	--	--	--	--	(3/)	(3/)	(3/)	(3/)
Special 10/-----	--	--	--	--	--	--	--	--
Other miscellaneous-----	--	--	--	--	4,355	11,885	1,107	2,474
Other unspecified 11/-----	--	--	7,899	50,673	95	406	--	--
TOTAL 12/-----	--	--	10,265	66,423	6,480	22,074	3,039	9,525

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Includes macadam, riprap and jetty stone, and filter stone.

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

8/ Includes lightweight aggregates.

9/ Includes crushed stone for cement manufacture and lime manufacture.

10/ Includes crushed stone for other fillers or extenders, and roofing granules.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	2,393	7,097	1,111	8,195	327	1,153	180	612
Asphaltic concrete aggregate 2/-----	395	609	443	3,365	79	322	W	W
Road bases and covering 3/-----	W	W	679	2,617	616	1,175	951	1,432
Fill-----	W	W	181	358	531	786	W	W
Snow and ice control-----	26	67	249	1,110	182	352	254	619
Railroad ballast-----	--	--	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--	--	--
Other miscellaneous-----	--	--	213	1,228	7	22	70	340
Other unspecified 4/-----	1,804	6,540	2,073	7,764	2,511	6,716	1,144	2,882
TOTAL 5/-----	4,618	14,313	4,949	24,639	4,254	10,526	2,599	5,885

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.

NEW YORK

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 4/-----	(1/)	(1/)	42	273	(1/)	(1/)	7	42
Coarse aggregate, graded 5/-----	1,032	4,671	631	3,292	842	4,204	(1/)	(1/)
Fine aggregate (-3/8 inch) 6/-----	(1/)	(1/)	8	33	(1/)	(1/)	39	149
Coarse and fine aggregate 7/-----	779	3,412	1,363	5,343	1,332	6,343	(1/)	(1/)
Other construction 8/-----	57	249	81	429	268	1,127	1,775	7,942
Agricultural-----	(3/)	(3/)	(3/)	(3/)	(2/)	(2/)	3	12
Chemical and metallurgical 9/-----	--	--	--	--	--	--	--	--
Special 10/-----	(3/)	(3/)	--	--	--	--	2	5
Other miscellaneous-----	117	982	37	392	--	--	--	--
Other unspecified 11/-----	894	3,801	2,864	9,161	1,786	9,587	1,396	5,725
TOTAL 12/-----	2,878	13,115	5,026	18,863	4,229	21,261	3,222	13,876

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Includes macadam, riprap and jetty stone, and filter stone.

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

8/ Includes lightweight aggregates.

9/ Includes crushed stone for cement manufacture and lime manufacture.

10/ Includes crushed stone for other fillers or extenders, and roofing granules.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	247	744	848	4,791	382	1,481	724	3,242
Asphaltic concrete aggregate 2/-----	W	W	517	2,832	103	347	506	2,019
Road bases and covering 3/-----	W	W	997	2,177	1,004	2,165	1,145	4,204
Fill-----	384	515	307	642	130	442	100	169
Snow and ice control-----	201	361	215	525	109	340	87	313
Railroad ballast-----	--	--	W	W	W	W	--	--
Roofing granules-----	W	W	--	--	W	W	--	--
Other miscellaneous-----	75	188	20	93	1	1	--	--
Other unspecified 4/-----	1,052	2,716	1,706	6,181	2,302	7,322	1,592	4,574
TOTAL 5/-----	1,958	4,523	4,610	17,241	4,031	12,099	4,153	14,522

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

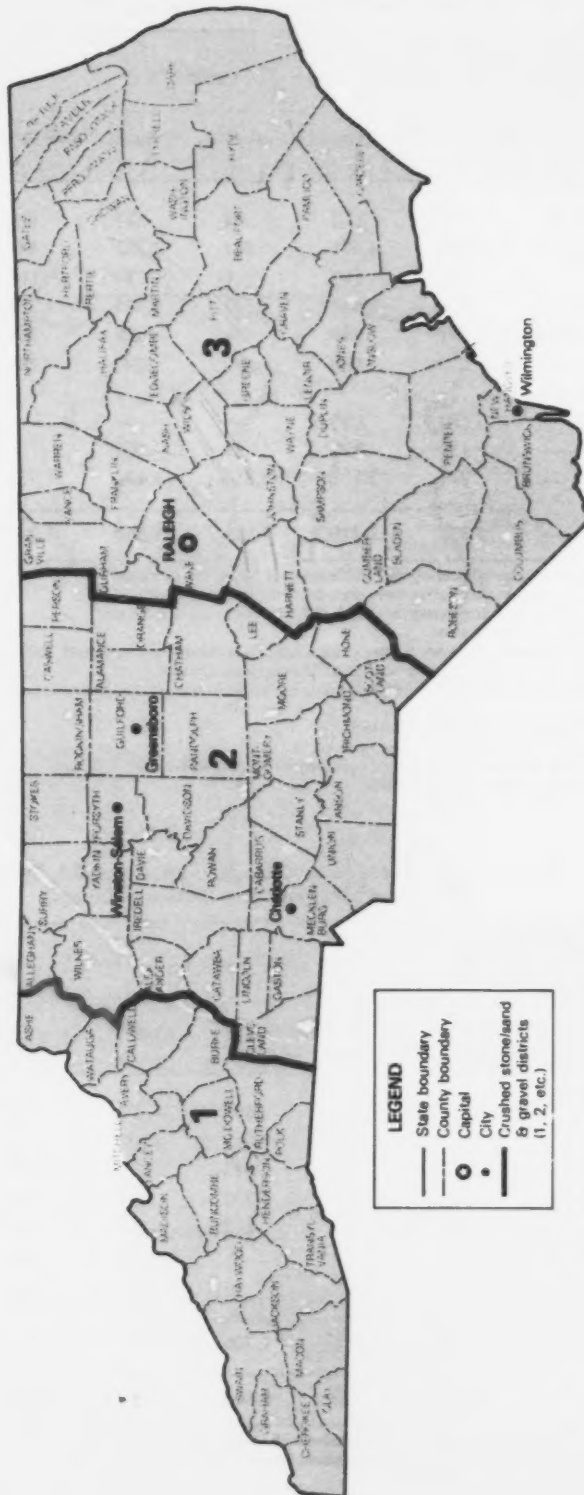
1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



LEGEND

- State boundary
- County boundary
- Capital
- City
- Crushed stone/land & gravel districts (1, 2, etc.)

NORTH CAROLINA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 2/-----	102	474	140	871	619	3,740
Coarse aggregate, graded 3/-----	1,866	6,851	2,823	14,513	3,781	20,532
Fine aggregate (-3/8 inch) 4/-----	867	3,717	2,455	12,053	2,520	10,233
Coarse and fine aggregate 5/-----	1,862	7,223	11,723	53,926	7,912	38,488
Other construction-----	40	200	1,380	7,399	262	632
Agricultural 6/-----	--	--	--	--	(1/)	(1/)
Special 7/-----	--	--	--	--	(1/)	(1/)
Other miscellaneous-----	24	98	--	--	16	177
Other unspecified 8/-----	2,279	9,464	1,102	4,229	--	--
TOTAL 9/-----	7,040	28,027	19,623	92,990	15,109	73,802

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

2/ Includes riprap and jetty stone, and filter stone.

3/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazo and exposed aggregates, and crusher run (select material or fill).

6/ Includes agricultural limestone, and poultry grit and mineral food.

7/ Includes crushed stone for other fillers and extenders.

8/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

9/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 2/-----	151	541	877	2,391	1,950	6,278
Asphaltic concrete aggregate 3/-----	233	945	542	2,924	741	2,409
Fill-----	3	16	21	47	305	471
Snow and ice control-----	W	W	W	W	(4/)	(4/)
Other miscellaneous-----	8	56	--	--	24	46
Other unspecified 5/-----	742	2,467	1,125	2,537	736	1,747
TOTAL 6/-----	1,137	4,026	2,565	7,898	3,757	10,952

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Excludes 84,000 short tons valued at \$252,000 not reported by county.

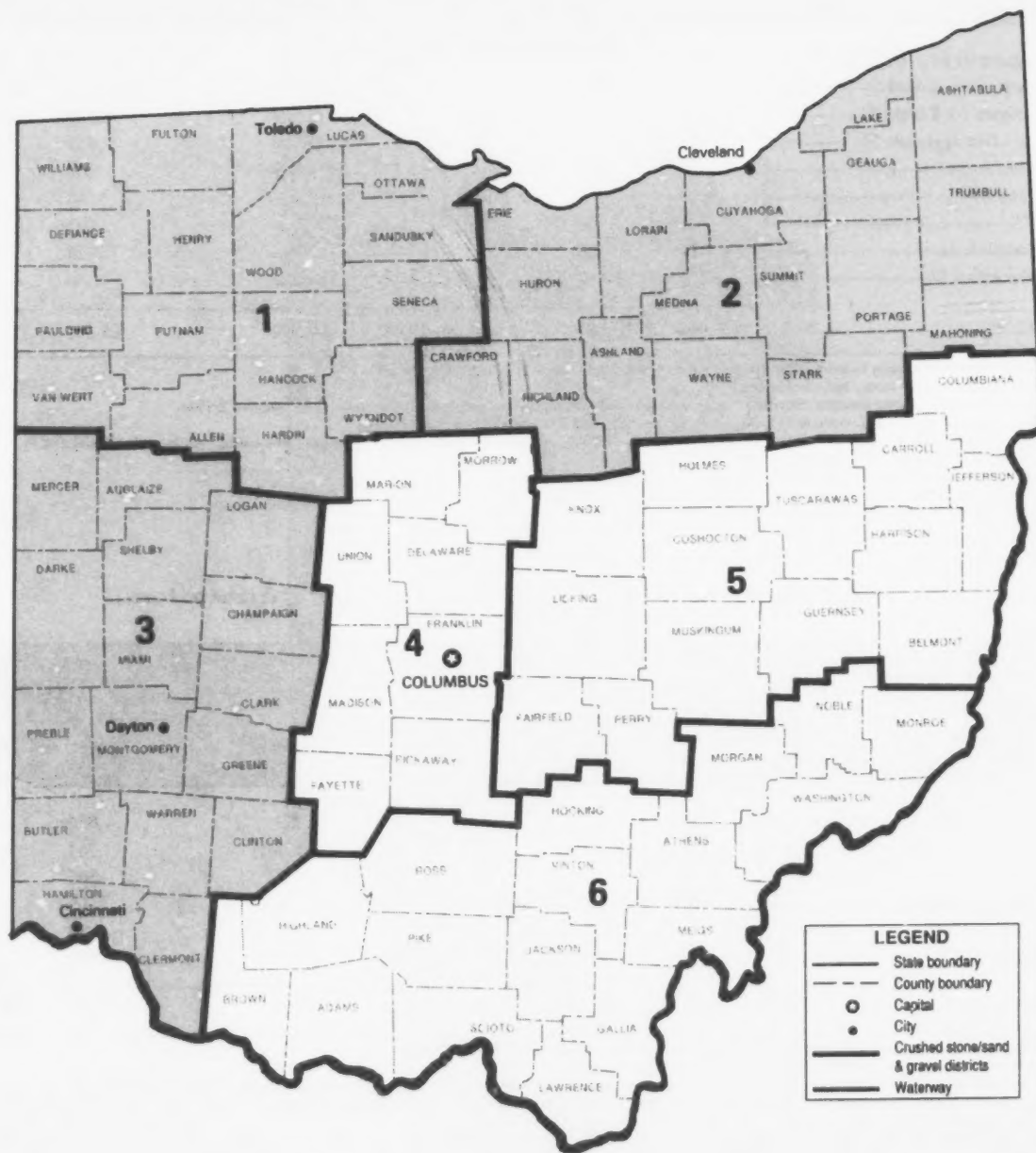
2/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

3/ Includes sand and gravel for asphaltic concrete aggregates, other bituminous mixtures, and road bases and covering.

4/ Less than 1/2 unit.

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.



OHIO

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 4/-----	2,149	6,810	894	2,926	640	1,945
Coarse aggregate, graded 5/-----	2,361	8,377	2,002	7,380	617	1,949
Fine aggregate (-3/8 inch) 6/-----	492	1,692	(1/)	(1/)	(1/)	(1/)
Coarse and fine aggregate 7/-----	4,295	15,508	2,036	7,236	1,171	4,326
Other construction 8/-----	60	238	147	431	453	1,784
Agricultural 9/-----	644	2,285	201	772	153	949
Chemical and metallurgical 10/-----	2,044	6,581	(2/)	(2/)	(2/)	(2/)
Special 11/-----	173	1,189	(2/)	(2/)	(2/)	(2/)
Other miscellaneous-----	31	125	325	1,478	984	4,615
Other unspecified 12/-----	3,602	10,050	148	511	1,198	4,193
TOTAL -----	15,851	52,855	5,753	20,734	13/ 5,215	19,761

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

4/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesigned).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

8/ Includes lightweight aggregates.

9/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

10/ Includes crushed stone for cement manufacture, lime manufacture, dead burned dolomite, flux stone, and sulfur oxide removal.

11/ Includes crushed stone for asphalt filler, whitening or whitening substitute, other fillers or extenders, and mine dusting.

12/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

13/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	500	1,952	3,332	10,710	1,530	5,148
Asphaltic concrete aggregate 2/-----	151	W	1,116	4,541	885	2,404
Road bases and covering 3/-----	247	485	741	2,930	3,477	12,282
Fill-----	66	142	1,041	3,334	2,406	4,855
Snow and ice control-----	--	--	32	182	35	112
Railroad ballast-----	--	--	--	--	W	W
Other miscellaneous-----	34	455	586	2,322	356	922
Other unspecified 4/-----	303	616	2,182	9,397	7,346	27,590
TOTAL 5/ -----	1,299	3,650	9,030	33,416	16,035	53,313

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 4/-----	1,059	3,617	(1/)	(1/)	182	730
Coarse aggregate, graded 5/-----	177	591	353	1,886	1,223	4,220
Fine aggregate (-3/8 inch) 6/-----	27	86	(1/)	(1/)	118	341
Coarse and fine aggregate 7/-----	518	1,746	505	2,208	1,290	4,534
Other construction 8/-----	8	27	252	1,159	--	--
Agricultural 9/-----	51	207	(2/)	(2/)	153	773
Chemical and metallurgical 10/-----	(3/)	(3/)	(2/)	(2/)	(3/)	(3/)
Special 11/-----	--	--	--	--	10	(3/)
Other miscellaneous-----	--	--	664	3,265	--	--
Other unspecified 12/-----	4,382	15,318	374	1,483	145	1,004
TOTAL -----	6,222	21,592	2,148	10,001	3,121	11,602

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

4/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

8/ Includes lightweight aggregates.

9/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

10/ Includes crushed stone for cement manufacture, lime manufacture, dead burned dolomite, flux stone, and sulfur oxide removal.

11/ Includes crushed stone for asphalt filler, whitening or whitening substitute, other fillers or extenders, and mine dusting.

12/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

13/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,001	3,690	1,114	3,837	939	2,943
Asphaltic concrete aggregate 2/-----	601	2,254	1,047	3,313	548	W
Road bases and covering 3/-----	157	566	360	1,275	149	645
Fill-----	147	444	230	496	36	63
Snow and ice control-----	W	W	84	241	W	W
Railroad ballast-----	W	W	10	54	--	--
Other miscellaneous-----	36	126	31	140	10	2,240
Other unspecified 4/-----	2,000	8,000	1,454	4,534	488	1,509
TOTAL 5/ -----	3,941	15,079	4,331	13,890	2,170	7,399

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

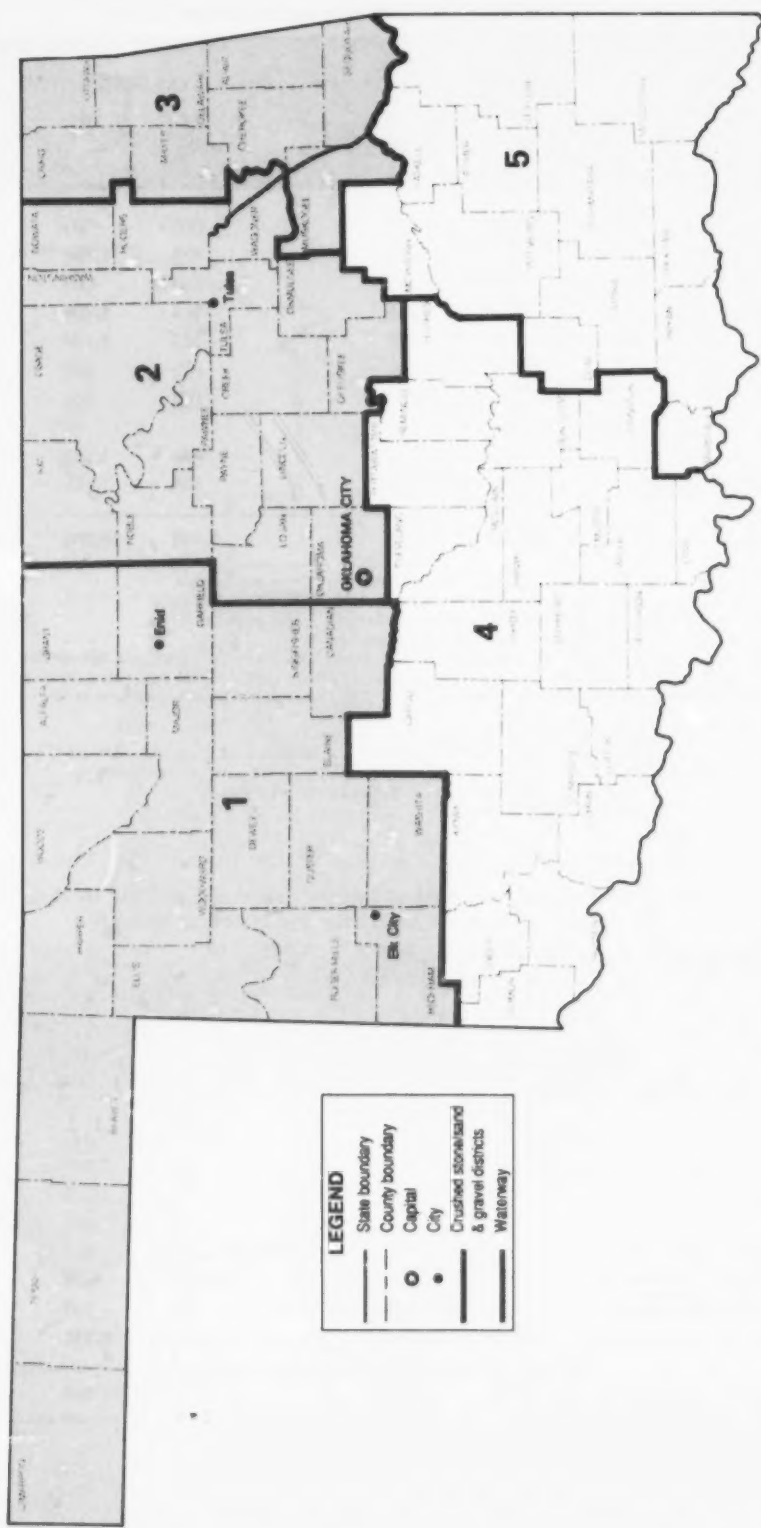
1/ Includes sand and gravel for plaster and gunite sands and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



LEGEND

—	State boundary
- - -	County boundary
o	Capital
•	City
—	Crushed stone/sand & gravel districts
—	Waterway

OKLAHOMA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	--	--	195	791	(1/)	(1/)
Coarse aggregate, graded 4/-----	--	--	2,050	8,068	425	1,689
Fine aggregate (-3/8 inch) 5/-----	--	--	631	986	(1/)	(1/)
Coarse and fine aggregate 6/-----	--	--	2,386	6,565	(1/)	(1/)
Other construction-----	--	--	14	51	479	1,434
Agricultural 7/-----	--	--	33	129	(2/)	(2/)
Chemical and metallurgical 8/-----	--	--	901	915	(2/)	(2/)
Other miscellaneous-----	--	--	--	--	1,150	1,731
Other unspecified 9/-----	93	325	3,797	12,683	896	3,008
TOTAL 10/-----	93	325	10,007	30,187	2,951	7,863

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregates (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone.

8/ Includes crushed stone for cement manufacture.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

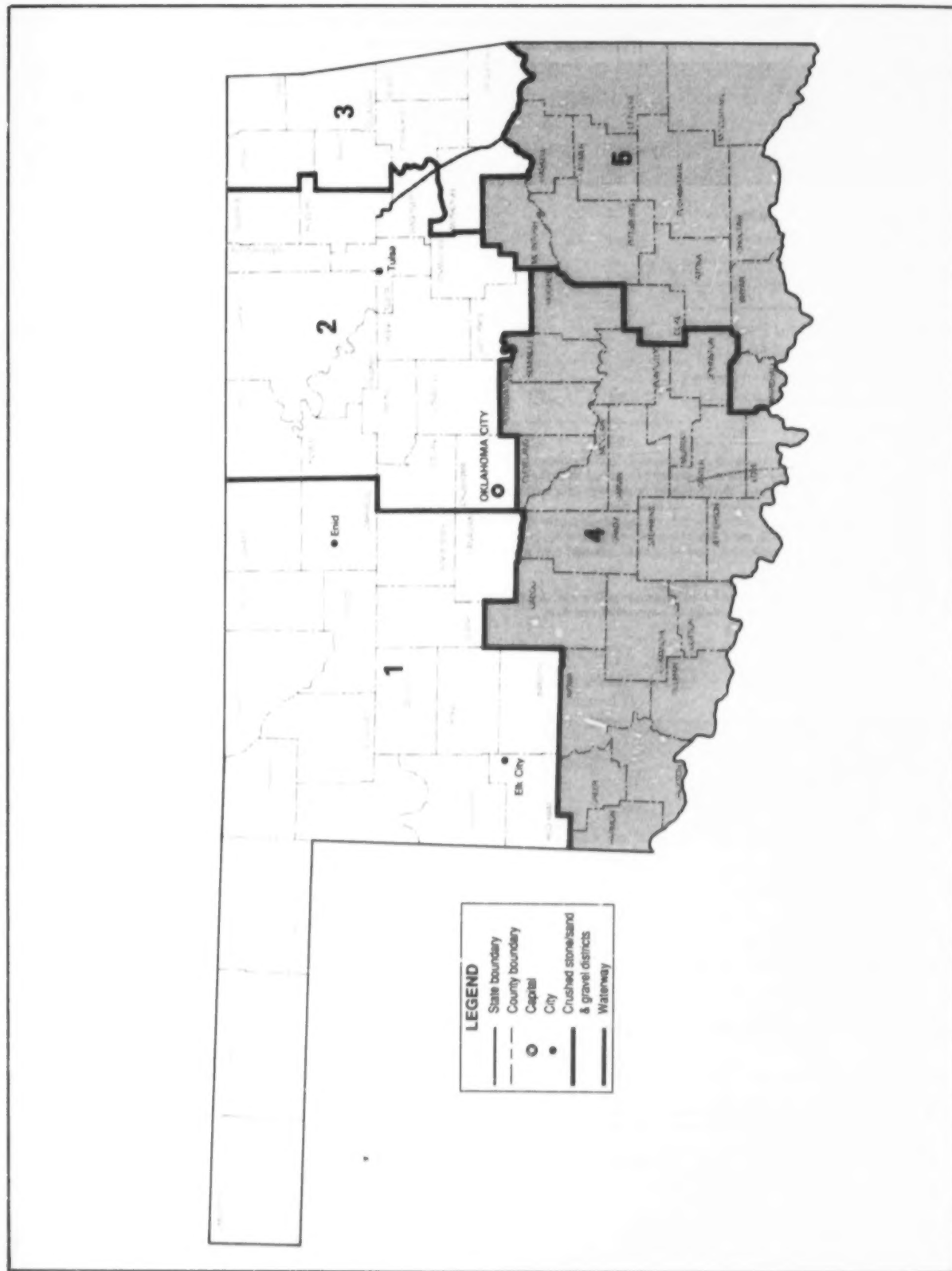
Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	61	200	2,177	5,352	498	966
Asphaltic concrete aggregate 2/-----	152	432	574	1,048	--	--
Fill-----	13	26	676	926	75	114
Snow and ice control-----	--	--	W	W	--	--
Railroad ballast-----	--	--	--	--	W	W
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	--	--	16	34	99	239
Other unspecified-----	467	1,096	1,752	3,411	289	574
TOTAL 3/-----	693	1,754	5,196	10,771	962	1,894

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes road bases and covering.

3/ Data may not add to totals shown because of independent rounding.



OKLAHOMA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5	
	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 3/-----	(1/)	(1/)	--	--
Coarse aggregate, graded 4/-----	(1/)	(1/)	(1/)	(1/)
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	--	--
Coarse and fine aggregate 6/-----	(1/)	(1/)	343	1,058
Other construction-----	2,059	5,374	135	464
Agricultural 7/-----	--	--	(2/)	(2/)
Chemical and metallurgical 8/-----	(2/)	(2/)	--	--
Other miscellaneous-----	595	1,405	59	145
Other unspecified 9/-----	10,709	37,108	4,221	14,884
TOTAL 10/-----	13,363	43,886	4,759	16,549

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregates (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone.

8/ Includes crushed stone for cement manufacture.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

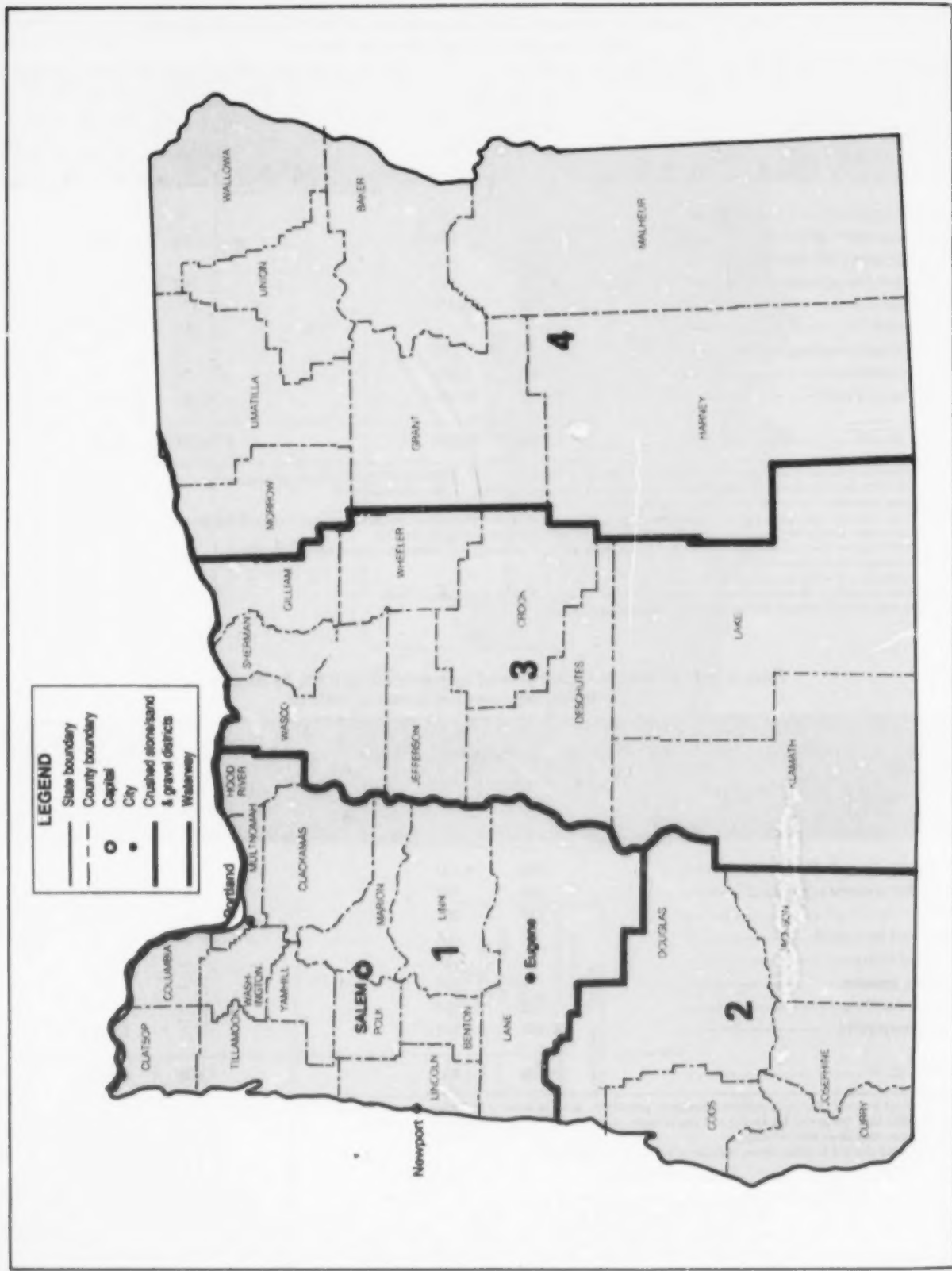
Use	District 4		District 5	
	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	330	1,137	316	1,446
Asphaltic concrete aggregate 2/-----	293	458	211	748
Fill-----	170	232	150	198
Snow and ice control-----	--	--	--	--
Railroad ballast-----	--	--	--	--
Roofing granules-----	W	W	--	--
Other miscellaneous-----	12	96	--	--
Other unspecified-----	1,301	3,943	731	1,908
TOTAL 3/-----	2,106	5,866	1,408	4,300

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and guniting sands, and concrete products (blocks, bricks, etc.).

2/ Includes road bases and covering.

3/ Data may not add to totals shown because of independent rounding.



OREGON

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 4/-----	393	1,068	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Coarse aggregate, graded 5/-----	796	2,984	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Fine aggregate (-3/8 inch) 6/-----	50	152	--	--	10	39	--	--
Coarse and fine aggregate 7/-----	3,070	9,006	784	2,602	262	661	329	2,186
Other construction-----	72	192	65	192	63	225	264	1,043
Chemical and metallurgical 8/-----	(3/)	(3/)	--	--	--	--	(3/)	(3/)
Other miscellaneous-----	39	147	2	2	--	--	789	1,665
Other unspecified 9/-----	882	2,699	203	611	84	255	--	--
TOTAL 10/-----	5,302	16,248	1,054	3,406	419	1,180	1,383	4,894

1/ Excludes 7,179,000 short tons valued at \$28,516,000 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Includes macadam, riprap and jetty stone, and filter stone.

5/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

6/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate.

7/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

8/ Includes crushed stone for cement manufacture, and chemical stone for alkali works.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 2/-----	2,679	9,601	317	1,158	W	W	W	W
Asphaltic concrete aggregate 3/-----	1,852	7,324	540	1,657	--	--	80	345
Road bases and covering 4/-----	1,925	6,583	488	1,724	96	273	390	1,296
Fill-----	364	772	64	144	W	W	W	W
Snow and ice control-----	61	251	W	W	--	--	W	W
Railroad ballast-----	--	--	W	W	--	--	W	W
Other miscellaneous-----	330	713	--	--	--	--	--	--
Other unspecified 5/-----	2,162	6,069	378	1,012	5	26	412	2,248
TOTAL 6/-----	9,372	31,311	1,787	5,695	101	299	882	3,889

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Excludes 1,298,000 short tons valued at \$1,402,000 not reported by county.

2/ Includes sand and gravel for plaster and gunite sands, and concrete sand.

3/ Includes other bituminous mixtures.

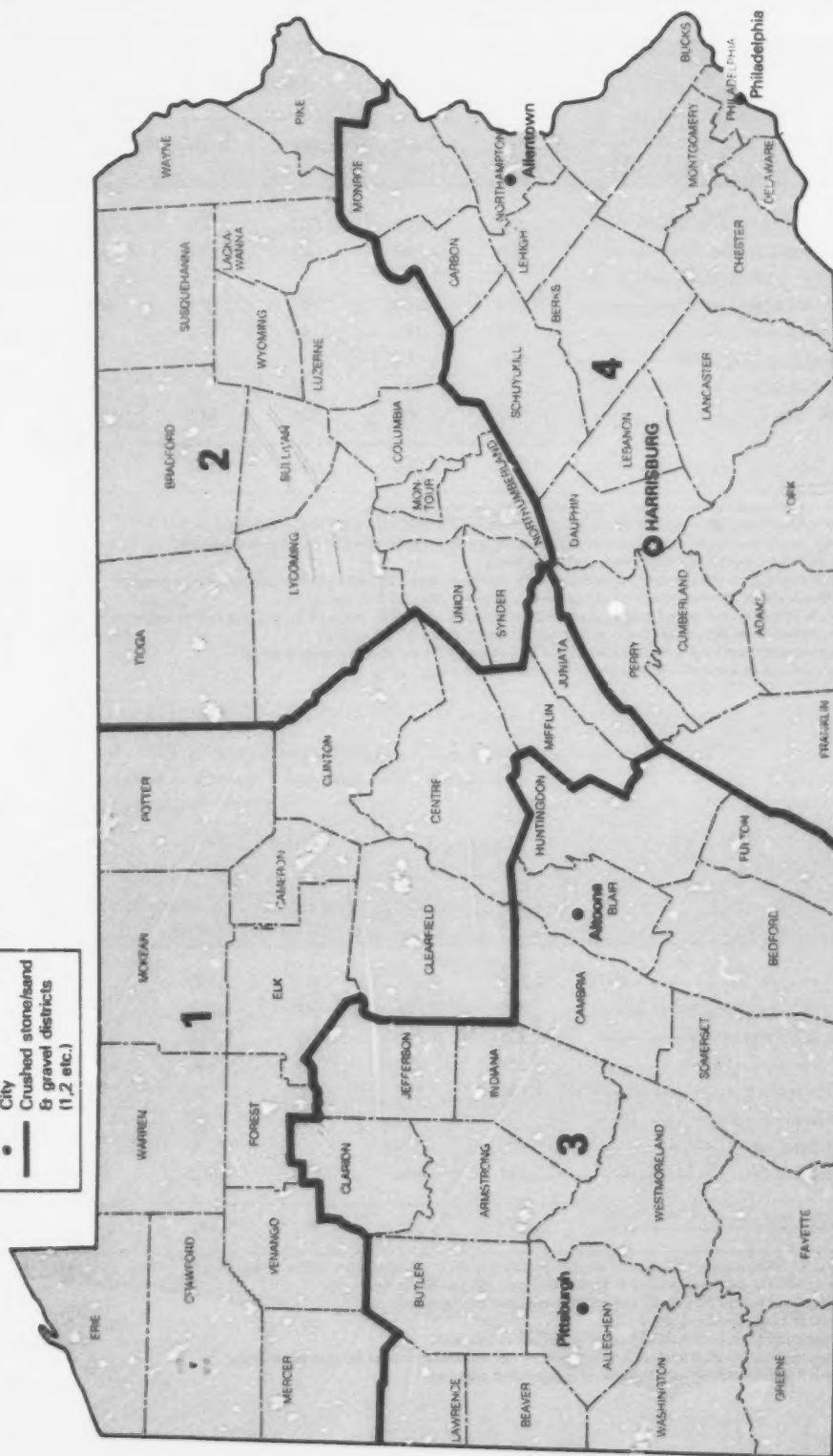
4/ Includes sand and gravel for road and other stabilization (cement).

5/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

6/ Data may not add to totals shown because of independent rounding.

LEGEND

- State boundary
- - - County boundary
- Capital
- City
- Crushed stone/sand & gravel districts (1,2 etc.)



PENNSYLVANIA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 2/-----	28	111	50	275	241	1,433	1,316	4,747
Coarse aggregate, graded 3/-----	654	2,516	443	1,914	2,438	14,607	8,117	30,807
Fine aggregate (-3/8 inch) 4/-----	387	1,252	252	1,041	588	3,013	1,547	6,507
Coarse and fine aggregate 5/-----	678	2,193	700	2,814	2,659	15,243	12,392	48,941
Other construction-----	26	72	350	1,599	53	362	2,313	8,181
Agricultural 6/-----	(1/)	(1/)	(1/)	(1/)	132	1,331	1,035	8,571
Chemical and metallurgical 7/-----	689	3,996	--	--	878	5,257	8,748	40,043
Special 8/-----	--	--	(1/)	(1/)	(1/)	(1/)	881	9,255
Other miscellaneous-----	16	183	55	614	3,159	26,539	338	1,689
Other unspecified 9/-----	778	6,026	1,518	7,209	2,990	13,806	8,316	38,708
TOTAL 10/-----	3,256	16,350	3,368	15,466	13,139	81,593	45,001	197,450

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

2/ Includes macadam, riprap and jetty stone, and filter stone.

3/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, crusher run or fill, coarse and fine aggregates, and building products.

6/ Includes agricultural limestone, and poultry grit and mineral food.

7/ Includes crushed stone for cement manufacture, lime manufacture, dead burned dolomite, flux stone, and glass manufacture.

8/ Includes crushed stone for asphalt filler, whitening substitutes, other fillers or extenders, porcelain, roofing granules, mine dusting, and paper manufacture.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	810	2,883	898	4,096	887	5,923	2,227	11,703
Asphaltic concrete aggregate 2/-----	448	1,777	578	2,461	1,000	6,341	553	1,414
Road bases and covering 3/-----	744	2,244	580	2,295	766	4,539	985	4,297
Fill-----	269	855	84	141	W	W	W	W
Snow and ice control-----	113	357	59	199	W	W	W	W
Roofing granules-----	W	W	W	W	--	--	--	--
Other unspecified 4/-----	1,342	3,974	1,329	5,672	1,138	5,975	565	1,736
TOTAL 5/-----	3,725	12,089	3,528	14,863	3,791	22,778	4,330	19,150

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

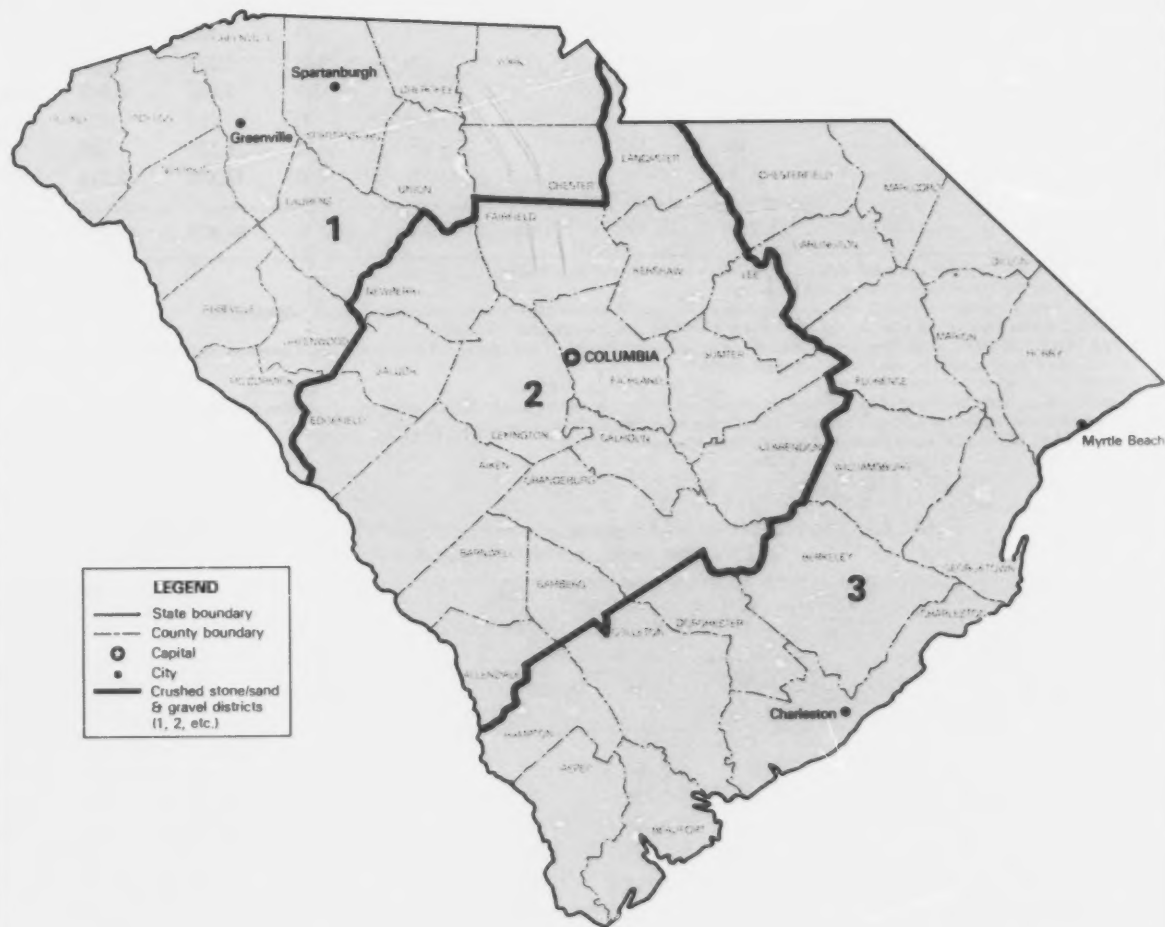
1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes sand and gravel for other specified uses, production reported without a breakdown by end use, and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



SOUTH CAROLINA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	404	2,015	(1/)	(1/)	(1/)	(1/)
Coarse aggregate, graded 4/-----	2,346	11,264	(1/)	(1/)	(1/)	(1/)
Fine aggregate (-3/8 inch) 5/-----	(1/)	(1/)	(1/)	(1/)	(1/)	999
Coarse and fine aggregate 6/-----	1,483	5,848	(1/)	(1/)	(1/)	(1/)
Other construction-----	937	3,953	4,834	24,865	2,363	9,244
Agricultural 7/-----	(2/)	(2/)	--	--	(2/)	(2/)
Chemical and metallurgical 8/-----	--	--	(2/)	(2/)	(2/)	(2/)
Other miscellaneous-----	416	2,077	1,593	3,283	1,697	4,175
Other unspecified 9/-----	152	630	10	36	845	4,140
TOTAL -----	10/ 5,737	25,787	6,437	28,174	4,905	18,558

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregates (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

7/ Includes agricultural limestone.

8/ Includes crushed stone for cement manufacture, and lime manufacture.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

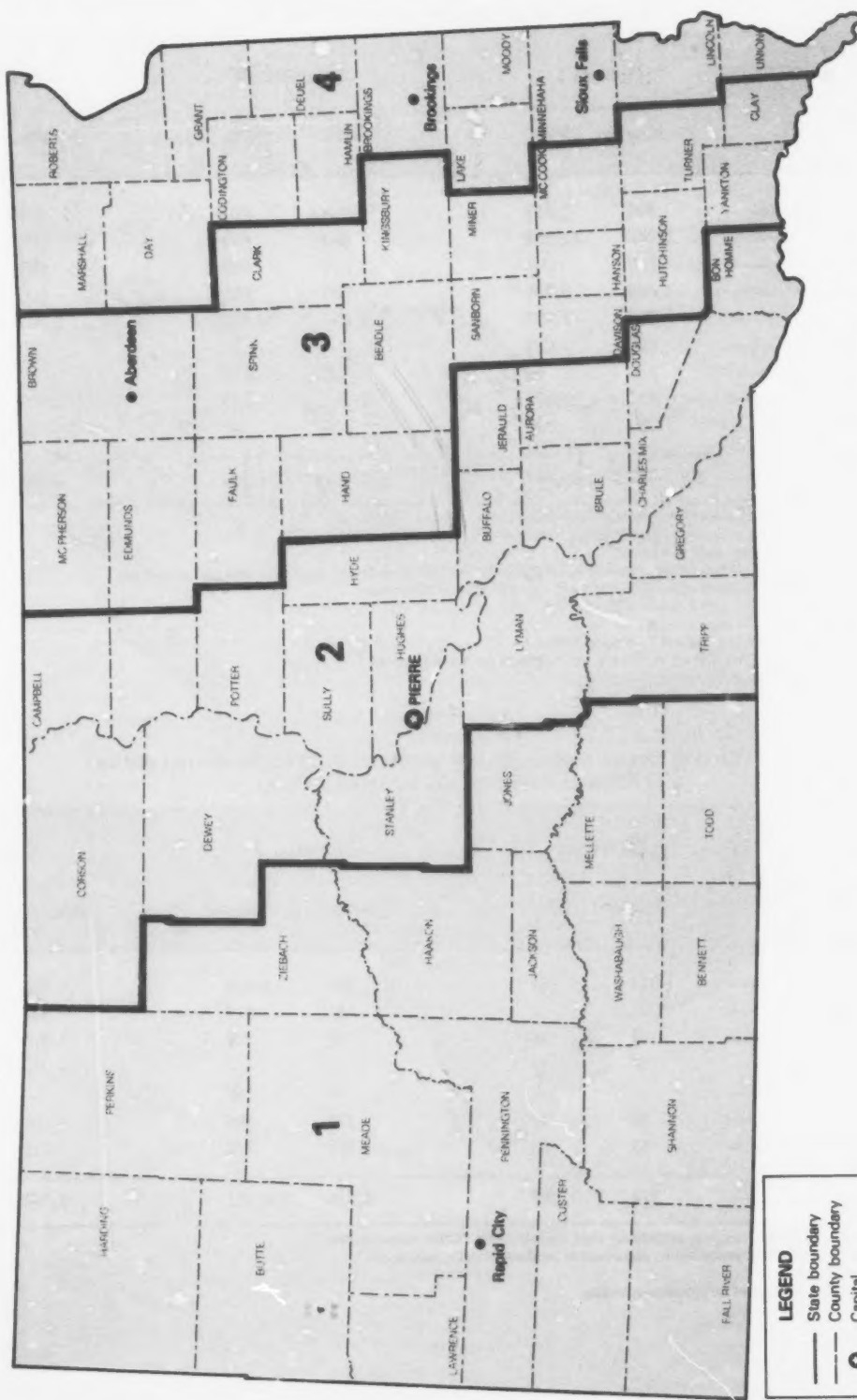
Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	244	747	2,305	6,428	1,688	5,926
Asphaltic concrete aggregate 2/-----	--	--	454	811	396	2,024
Fill-----	W	W	W	W	1,075	1,853
Snow and ice control-----	W	W	--	--	--	--
Roofing granules-----	--	--	W	W	--	--
Other miscellaneous-----	22	67	496	695	--	--
Other unspecified-----	53	53	315	738	151	441
TOTAL -----	319	867	3,570	3/ 8,671	3,310	10,244

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Data do not add to total shown because of independent rounding.



SOUTH DAKOTA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 2/-----	(1/)	(1/)	--	--	W	W	W	W
Coarse aggregate, graded 3/-----	(1/)	(1/)	--	--	W	W	W	W
Fine aggregate (-3/8 inch) 4/-----	(1/)	(1/)	--	--	W	W	--	--
Coarse and fine aggregate 5/-----	(1/)	(1/)	--	--	W	W	--	--
Other construction-----	130	541	--	--	--	--	--	--
Chemical and metallurgical 6/-----	950	1,994	--	--	--	--	--	--
Other unspecified 7/-----	1,933	6,388	--	--	W	W	W	W
TOTAL -----	8/ 3,012	8,923	--	--	W	W	W	W

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Includes riprap and jetty stone, and filter stone.

3/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), and bituminous surface treatment aggregates.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregates (screen).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and terrazo and exposed aggregates.

6/ Includes crushed stone for cement manufacture.

7/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

8/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	W	W	133	164	235	613
Plaster and gunite sands-----	--	--	W	W	W	W	8	36
Concrete products-----	--	--	W	W	W	W	--	--
Asphaltic concrete aggregate 2/-----	3	4	336	574	798	1,880	229	663
Road bases and covering 3/-----	827	1,600	988	1,294	1,559	2,085	1,094	1,766
Fill-----	--	--	8	11	55	92	401	578
Snow and ice control-----	3	8	W	W	W	W	40	192
Railroad ballast-----	W	W	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--	W	W
Other miscellaneous-----	716	3,056	77	387	13	45	45	86
Other unspecified 4/-----	262	525	381	764	436	1,001	1,066	2,429
TOTAL 5/ -----	1,811	5,193	1,790	3,029	2,994	5,268	3,118	6,362

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

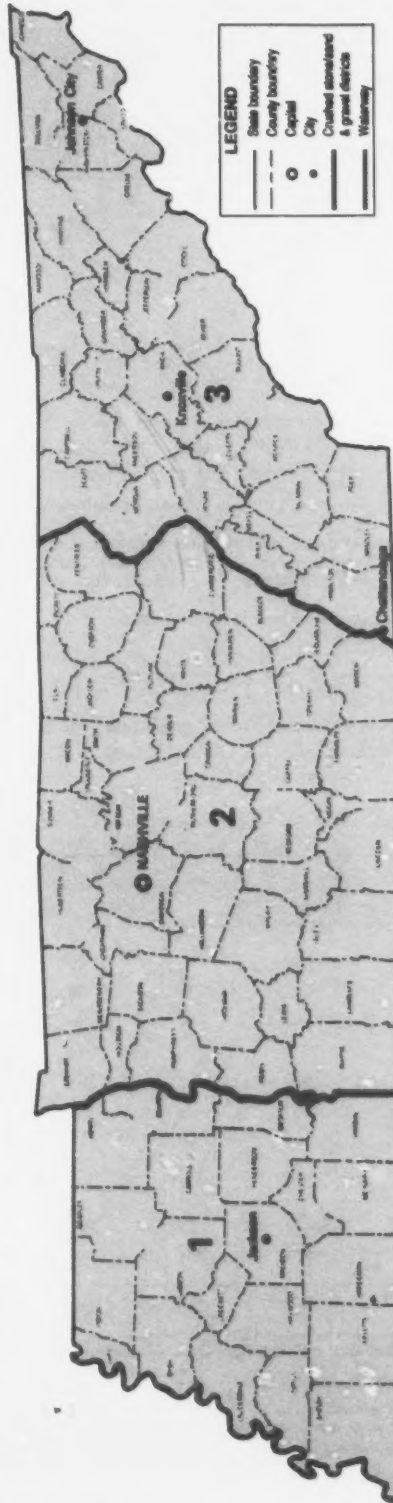
1/ Including concrete sand.

2/ Including other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



TENNESSEE

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+1-1/2 inch) 1/-----	93	400	481	1,648	513	2,044
Coarse aggregate, graded 2/-----	704	2,614	2,814	11,433	5,032	22,798
Fine aggregate (-3/8 inch) 3/-----	245	996	1,531	5,318	1,933	9,984
Coarse and fine aggregate 4/-----	938	3,087	8,449	35,683	6,851	30,768
Other construction 5/-----	--	--	58	225	251	973
Agricultural 6/-----	231	1,102	258	1,078	245	696
Chemical and metallurgical 7/-----	--	--	W	W	--	--
Special 8/-----	--	--	439	4,432	128	583
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 9/-----	--	--	5,301	14,665	1,444	5,230
TOTAL 10/-----	2,211	8,200	19,330	74,484	16,398	73,076

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

2/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

3/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

4/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo, crusher run, and combined coarse and fine aggregate.

5/ Includes lightweight aggregates.

6/ Includes agricultural limestone, poultry grit and mineral food, and other agricultural uses.

7/ Includes crushed stone for cement manufacture.

8/ Includes crushed stone for asphalt filler, other fillers or extenders, and mine dusting.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,622	5,257	W	W	W	W
Asphaltic concrete aggregate 2/-----	1,248	2,613	W	W	W	W
Fill-----	242	549	34	187	--	--
Snow and ice control-----	--	--	W	W	W	W
Roofing granules-----	W	W	W	W	--	--
Other miscellaneous-----	72	221	1,336	7,636	135	849
Other unspecified 3/-----	1,570	4,094	744	1,670	357	1,515
TOTAL -----	4/ 4,755	12,734	2,114	9,493	492	2,364

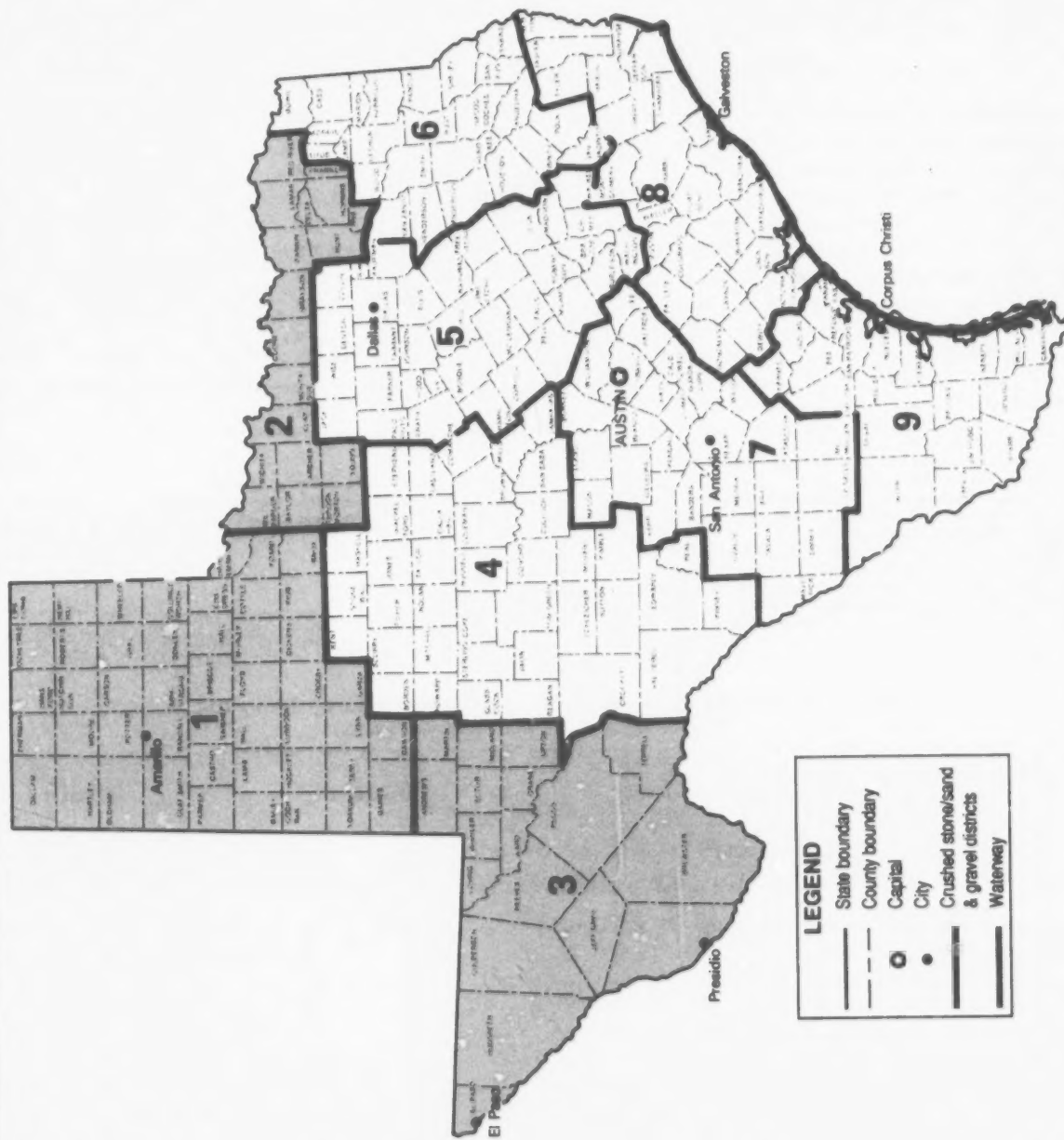
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and guniting sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for asphaltic concrete aggregates, road bases and covering, and other bituminous mixtures.

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data do not add to totals shown because of independent rounding.



TEXAS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	--	--	1	4	5	25
Coarse aggregate, graded 4/-----	373	980	90	477	312	1,789
Fine aggregate (-3/8 inch) 5/-----	17	(2/)	(2/)	(2/)	478	3,022
Coarse and fine aggregate 6/-----	1,132	5,211	332	1,036	1,469	4,952
Other construction 7/-----	--	--	--	--	--	--
Agricultural 8/-----	--	--	--	--	--	--
Chemical and metallurgical 9/-----	(2/)	(2/)	--	--	921	2,768
Special 10/-----	--	--	--	--	496	1,065
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 11/-----	683	3,442	380	1,581	277	795
TOTAL 12/-----	2,205	9,633	803	3,098	3,958	14,415

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo, crusher run or fill, and dam construction.

7/ Includes lightweight aggregates.

8/ Includes agricultural limestone, and poultry grit and mineral food.

9/ Includes crushed stone for cement and lime manufacture, dead burned dolomite, flux and chemical stone, sulfur oxide removal, and disinfectant.

10/ Includes crushed stone for asphalt filler, other fillers or extenders, porcelain, roofing granules, abrasives, mine dusting, and paper manufacture.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,317	6,977	658	3,204	969	6,278
Asphaltic concrete aggregate 2/-----	510	2,388	W	W	1,132	5,920
Fill-----	77	242	W	W	--	--
Snow and ice control-----	--	--	--	--	--	--
Railroad ballast-----	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	22	153	--	--	--	--
Other unspecified 3/-----	1,274	3,883	275	950	1,026	2,561
TOTAL 4/-----	3,199	13,643	940	4,169	3,127	14,758

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for road and other stabilization (cement and lime).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.

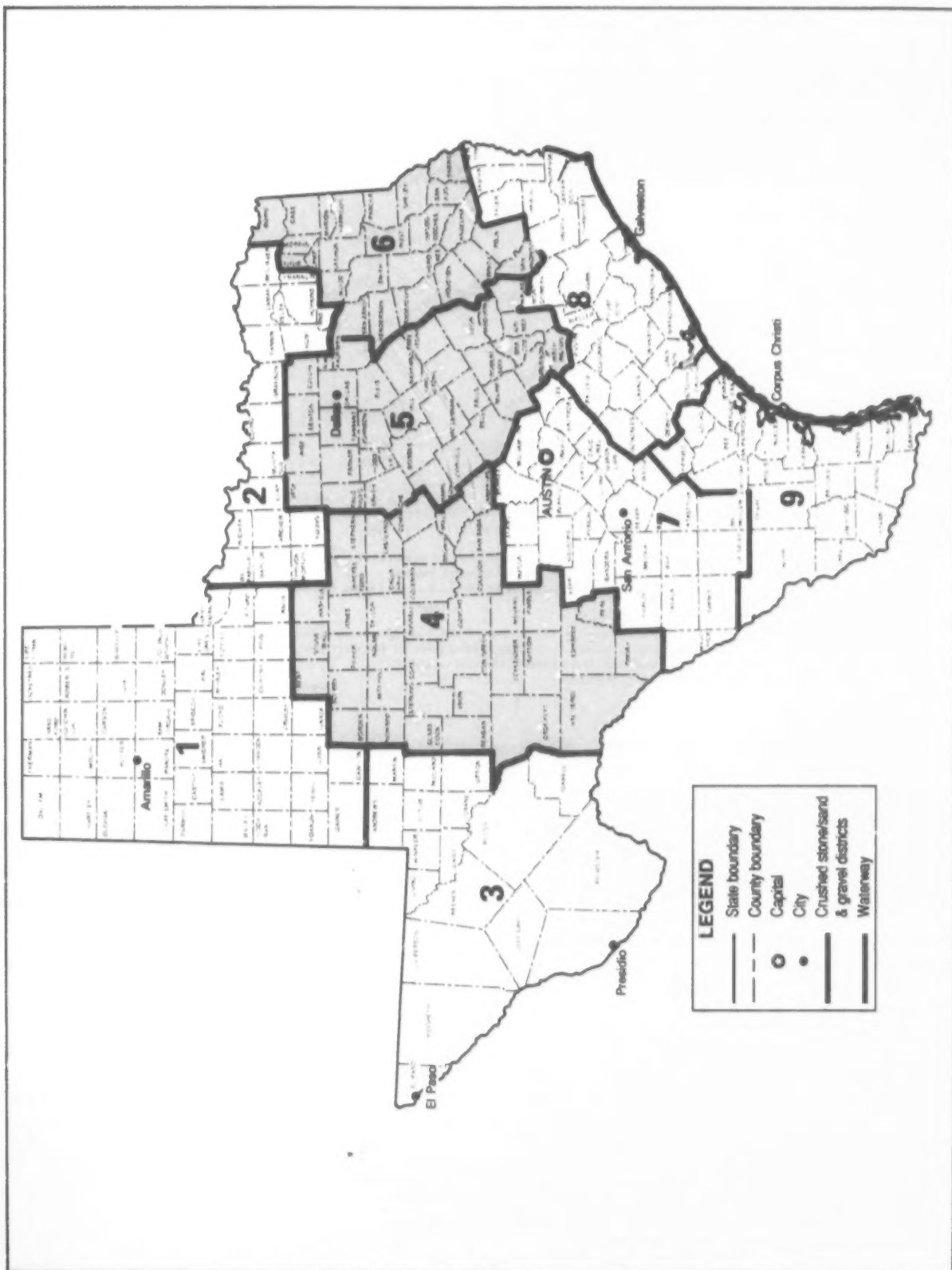


Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	(1/)	(1/)	318	1,975	--	--
Coarse aggregate, graded 4/-----	(1/)	(1/)	9,481	39,867	--	--
Fine aggregate (-3/8 inch) 5/-----	12	58	1,533	3,309	--	--
Coarse and fine aggregate 6/-----	1,253	3,888	9,156	14,190	W	W
Other construction 7/-----	32	134	120	452	--	--
Agricultural 8/-----	--	--	367	2,098	--	--
Chemical and metallurgical 9/-----	(2/)	(2/)	7,283	19,540	--	--
Special 10/-----	--	--	496	2,255	--	--
Other miscellaneous-----	--	--	16	49	--	--
Other unspecified 11/-----	2,263	14,796	7,476	30,513	--	--
TOTAL 12/-----	3,559	18,877	32,247	114,249	W	W

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo, crusher run or fill, and dam construction.

7/ Includes lightweight aggregates.

8/ Includes agricultural limestone, and poultry grit and mineral food.

9/ Includes crushed stone for cement and lime manufacture, dead burned dolomite, flux and chemical stone, sulfur oxide removal, and disinfectant.

10/ Includes crushed stone for asphalt filler, other fillers or extenders, porcelain, roofing granules, abrasives, mine dusting, and paper manufacture.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 4		District 5		District 6	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,128	2,739	9,426	38,815	682	3,402
Asphaltic concrete aggregate 2/-----	162	565	689	1,813	W	W
Fill-----	--	--	304	375	W	W
Snow and ice control-----	--	--	--	--	--	--
Railroad ballast-----	W	W	--	--	--	--
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	44	104	399	3,202	17	68
Other unspecified 3/-----	706	1,554	8,571	32,181	508	1,979
TOTAL 4/-----	2,040	4,962	19,388	76,387	1,221	5,479

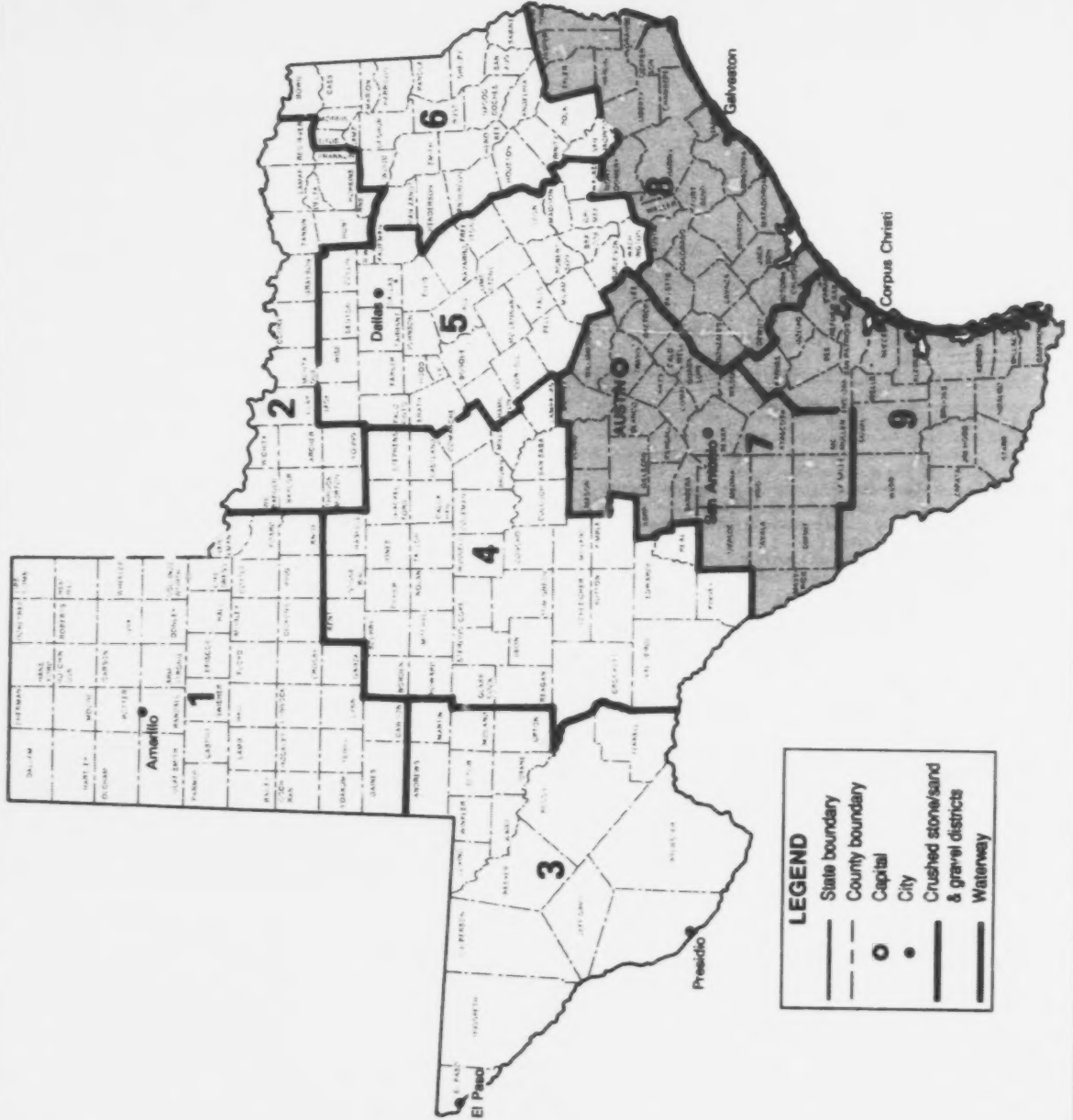
W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for road and other stabilization (cement and lime).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



TEXAS

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 7		District 8		District 9	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	493	2,017	W	(1/)	--	--
Coarse aggregate, graded 4/-----	9,332	41,072	W	(1/)	--	--
Fine aggregate (-3/8 inch) 5/-----	1,858	6,335	--	--	--	--
Coarse and fine aggregate 6/-----	15,896	34,942	220	1,695	1,009	5,286
Other construction 7/-----	528	1,658	--	W	179	275
Agricultural 8/-----	(2/)	(2/)	--	--	--	--
Chemical and metallurgical 9/-----	5,739	9,842	--	--	(2/)	(2/)
Special 10/-----	(2/)	(2/)	--	--	--	--
Other miscellaneous-----	--	--	--	--	--	--
Other unspecified 11/-----	6,453	39,946	--	--	1,129	2,458
TOTAL 12/-----	40,299	135,812	W	W	2,317	8,019

W Withheld to avoid disclosing individual company proprietary data.

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

3/ Includes riprap and jetty stone, and filter stone.

4/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

5/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo, crusher run or fill, and dam construction.

7/ Includes lightweight aggregates.

8/ Includes agricultural limestone, and poultry grit and mineral food.

9/ Includes crushed stone for cement and lime manufacture, dead burned dolomite, flux and chemical stone, sulfur oxide removal, and disinfectant.

10/ Includes crushed stone for asphalt filler, other fillers or extenders, porcelain, roofing granules, abrasives, mine dusting, and paper manufacture.

11/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

12/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 7		District 8		District 9	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	2,761	10,058	10,808	34,283	1,132	4,836
Asphaltic concrete aggregate 2/-----	851	1,159	1,115	2,530	871	3,859
Fill-----	212	442	1,079	1,351	6	6
Snow and ice control-----	W	W	--	--	--	--
Railroad ballast-----	--	--	--	--	--	--
Roofing granules-----	--	--	--	--	--	--
Other miscellaneous-----	1,159	5,253	1	3	--	--
Other unspecified 3/-----	5,082	14,558	4,379	11,543	190	575
TOTAL 4/-----	10,065	31,470	17,383	49,711	2,198	9,276

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for road and other stabilization (cement and lime).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.

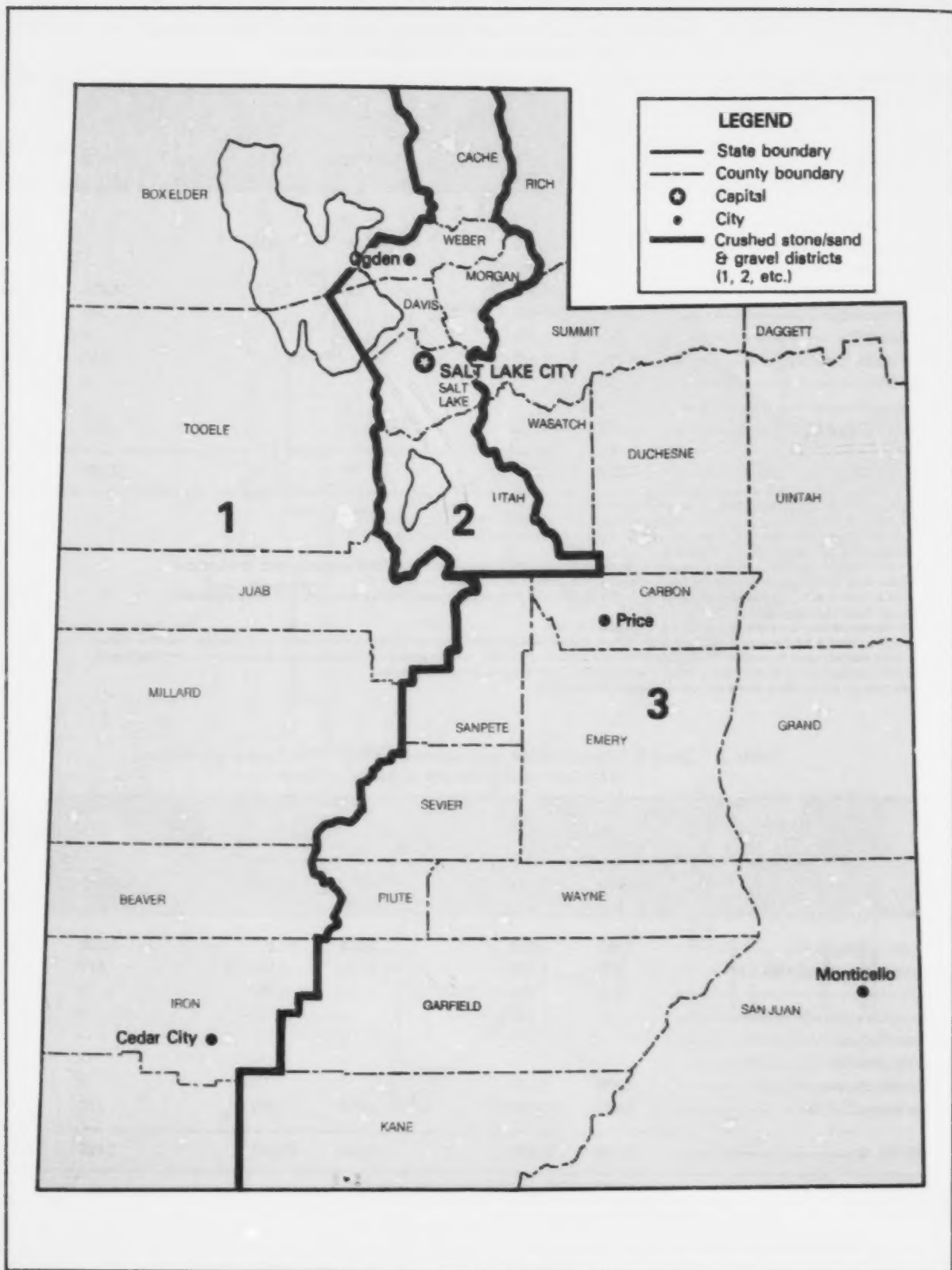


Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	660	2,200	(2/)	(2/)	67	74
Coarse aggregate, graded 4/-----	147	636	--	--	--	--
Coarse and fine aggregate 5/-----	822	1,793	122	221	(6/)	(6/)
Agricultural 7/-----	--	--	(2/)	(2/)	--	--
Chemical and metallurgical 8/-----	1,169	4,454	1,115	3,113	--	--
Other miscellaneous-----	9	98	3	51	--	--
Other unspecified 9/-----	480	1,438	--	--	33	33
TOTAL -----	3,287	10/ 10,618	1,240	3,385	100	107

1/ Excludes 31,000 short tons valued at \$69,500 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes riprap and jetty stone, and coarse aggregate (large).

4/ Includes railroad ballast.

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and combined coarse and fine aggregate.

6/ Less than 1/2 unit.

7/ Includes poultry grit and mineral food.

8/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, and sulfur oxide removal.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	592	1,546	294	1,289	466	3,394
Asphaltic concrete aggregate 2/-----	500	1,144	684	1,715	305	1,275
Concrete products (blocks, bricks, etc.)	W	W	--	--	--	--
Road bases and covering-----	579	1,106	2,658	4,862	1,176	3,587
Fill-----	82	168	1,141	1,715	4	7
Snow and ice control-----	W	W	W	W	2	2
Other miscellaneous-----	43	81	80	316	23	77
Other unspecified 3/-----	1,635	3,805	5,205	11,981	983	1,695
TOTAL 4/ -----	3,431	7,848	10,062	21,878	2,959	10,036

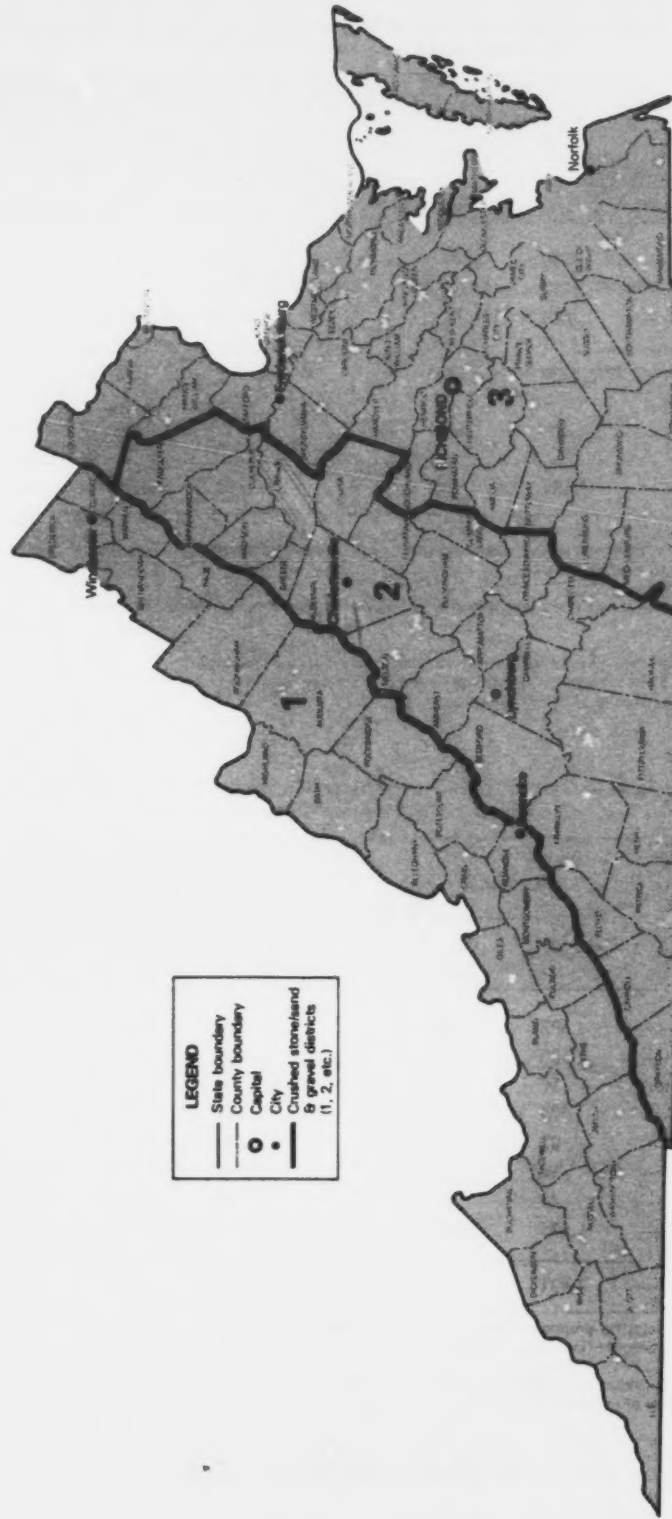
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), and plaster and gunite sands.

2/ Includes other bituminous mixtures.

3/ Includes production reported without a breakdown by end use, and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.



LEGEND

- State boundary
- - - County boundary
- Capital
- City
- Crushed stone/land
9 gravel districts
(1, 2, etc.)

VIRGINIA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 2/-----	406	1,519	240	1 151	438	2,509
Coarse aggregate, graded 3/-----	3,615	16,242	2,458	10,442	10,934	51,843
Fine aggregate (-3/8 inch) 4/-----	1,782	7,539	539	2,738	2,222	11,287
Coarse and fine aggregate 5/-----	5,833	18,099	2,372	9,186	11,556	49,570
Other construction-----	152	397	--	--	1,618	6,951
Agricultural 6/-----	1,015	8,049	(1/)	(1/)	(1/)	(1/)
Chemical and metallurgical 7/-----	2,163	5,151	--	--	--	--
Special 8/-----	1,015	6,834	(1/)	(1/)	--	--
Other miscellaneous-----	37	160	681	2,714	252	1,144
Other unspecified 9/-----	1,212	4,161	817	3,884	326	326
TOTAL 10/-----	17,232	68,152	7,108	30,116	27,347	123,632

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

2/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

3/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

4/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

5/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

6/ Includes agricultural limestone, poultry grit and mineral food.

7/ Includes crushed stone for cement manufacture, lime manufacture, chemical stone for alkali works, and glass manufacture.

8/ Includes crushed stone for abrasives, asphalt filler, other fillers or extenders, roofing granules, sugar refining, waste material, and mine dusting.

9/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

10/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	164	829	4	13	5,721	31,102
Asphaltic concrete aggregate 2/-----	W	W	W	W	1,297	5,969
Fill-----	56	193	2	5	2,092	2,831
Snow and ice control-----	W	W	W	W	117	406
Railroad ballast-----	--	--	--	--	W	W
Roofing granules-----	W	W	--	--	W	W
Other miscellaneous-----	144	643	13	30	213	865
Other unspecified 3/-----	234	989	141	446	1,471	2,167
TOTAL 4/-----	599	2,654	160	493	10,911	43,340

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes sand and gravel for concrete aggregates (including concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes sand and gravel for asphaltic concrete aggregates and other bituminous mixtures, and road and other stabilization (cement and lime).

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.

WASHINGTON

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 5/-----	767	3,580	(2/)	(2/)	6	21
Coarse aggregate, graded 6/-----	379	1,329	33	50	220	669
Fine aggregate (-3/8 inch) 7/-----	117	313	(3/)	(3/)	(3/)	(3/)
Coarse and fine aggregate 8/-----	2,362	7,257	201	425	1,132	3,193
Other construction-----	36	93	45	45	164	372
Agricultural 9/-----	(4/)	(4/)	--	--	(4/)	(4/)
Chemical and metallurgical 10/-----	(4/)	(4/)	--	--	(4/)	(4/)
Special 11/-----	1	6	--	--	44	110
Other miscellaneous-----	453	913	--	--	338	1,043
Other unspecified 12/-----	747	1,831	135	337	1,125	3,276
TOTAL 13/-----	4,862	13/ 15,323	414	857	3,029	8,684

1/ Excludes 1,238,000 short tons valued at \$6,188,000 not reported by county.

2/ Less than 1/2 unit.

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

4/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

5/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

6/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

7/ Includes stone sand (concrete), stone sand (bituminous mix or seal), and fine aggregate (screen).

8/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, terrazzo and exposed aggregate, and crusher run (select material or fill).

9/ Includes poultry grit and mineral food.

10/ Includes crushed stone for cement manufacture, and flux stone.

11/ Includes crushed stone for whitening or whitening substitute.

12/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

13/ Data do not add to total shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	6,346	21,862	549	1,712	512	1,590
Plaster and gunite sands-----	76	410	W	W	W	W
Concrete products (blocks, bricks, etc.)	256	948	--	--	--	--
Asphaltic concrete aggregate 2/-----	1,650	5,853	272	803	185	468
Road bases and covering 3/-----	3,095	10,806	897	2,056	1,529	4,346
Fill-----	4,236	7,843	152	480	60	141
Snow and ice control-----	28	105	58	168	89	246
Railroad ballast-----	18	71	W	W	W	W
Other miscellaneous-----	235	1,163	28	67	30	125
Other unspecified-----	5,108	12,342	502	1,340	430	1,442
TOTAL 4/-----	21,048	61,404	2,458	6,626	2,836	8,357

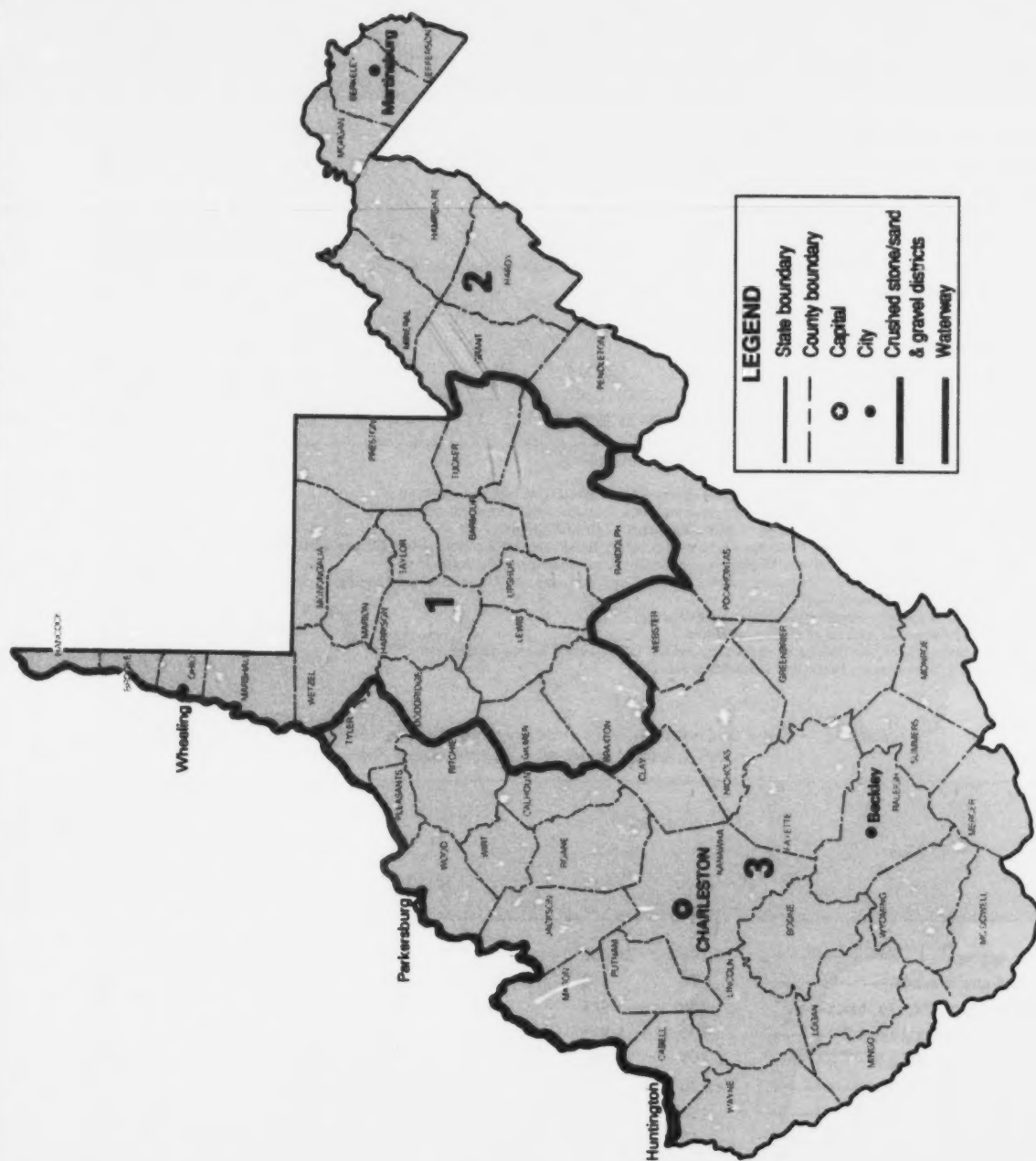
W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes concrete sand.

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Data may not add to totals shown because of independent rounding.



WEST VIRGINIA

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 3/-----	522	3,104	(1/)	(1/)	(1/)	(1/)
Coarse aggregate, graded 4/-----	498	3,706	231	1,591	391	1,415
Fine aggregate (-3/8 inch) 5/-----	100	512	210	840	(1/)	(1/)
Coarse and fine aggregate 6/-----	702	3,126	(1/)	(1/)	1,372	5,521
Other construction 7/-----	55	226	119	702	168	760
Agricultural 8/-----	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Chemical and metallurgical 9/-----	(2/)	(2/)	(2/)	(2/)	74	183
Other miscellaneous-----	515	1,201	1,067	2,617	33	379
Other unspecified 10/-----	986	3,899	1,672	5,873	680	2,691
TOTAL 11/-----	3,377	15,774	3,298	11,624	2,718	10,949

1/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

3/ Includes macadam, riprap and jetty stone, and filter stone.

4/ Includes concrete aggregates (coarse), bituminous aggregates (coarse), bituminous surface treatment aggregates and railroad ballast.

5/ Includes stone sand (concrete), bituminous mix or seal, and fine aggregates (screening and undesignated).

6/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

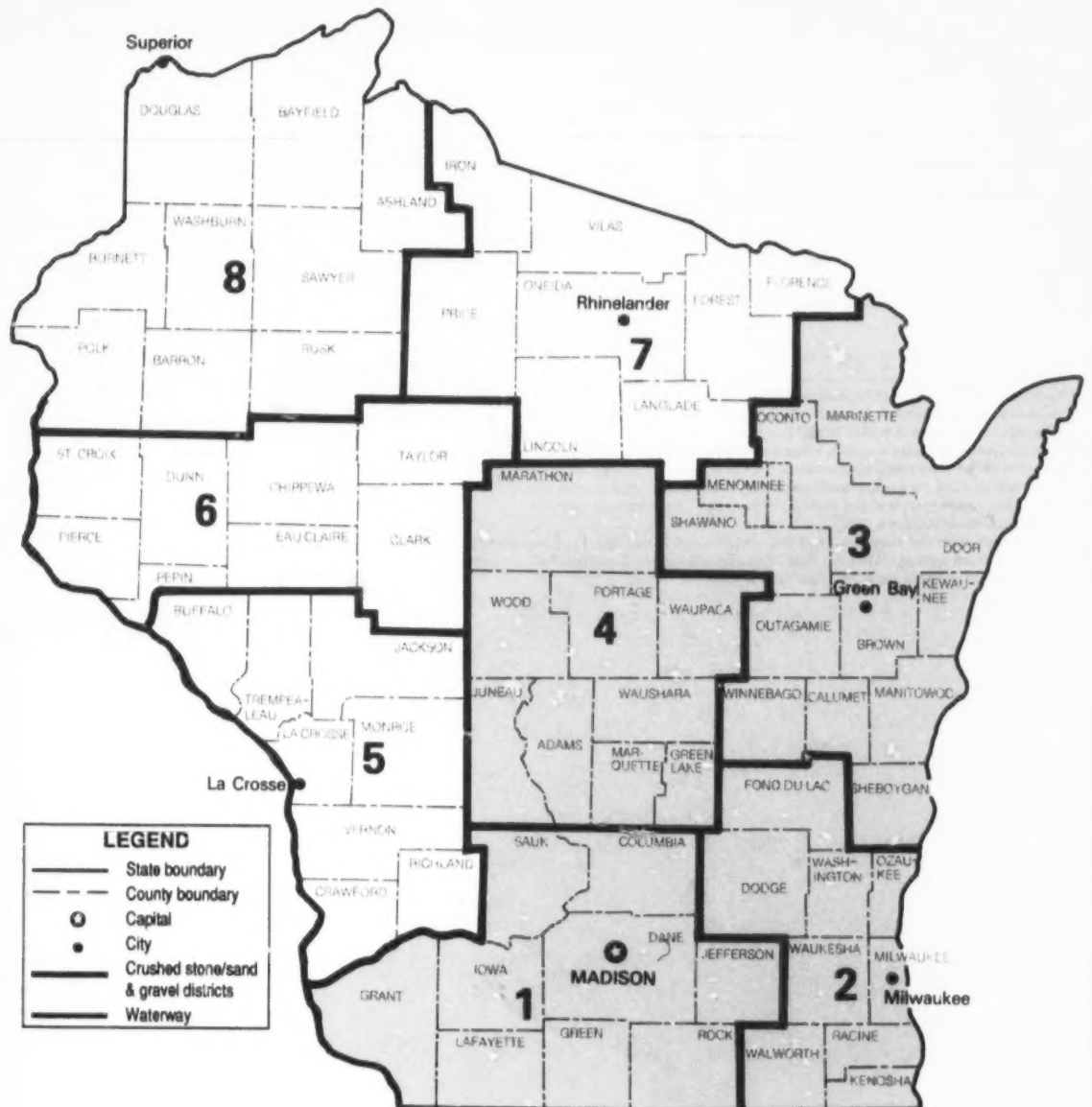
7/ Includes lightweight aggregates and other construction and maintenance uses.

8/ Includes agricultural limestone.

9/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, and chemical stone for alkali works.

10/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

11/ Data may not add to totals shown because of independent rounding.



WISCONSIN

Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 6/-----	260	778	219	1,012	63	141	--	--
Coarse aggregate, graded 7/-----	110	179	769	(2/)	541	1,340	--	--
Fine aggregate (-3/8 inch) 8/-----	--	--	42	(2/)	139	233	--	--
Coarse and fine aggregate 9/-----	938	2,188	1,442	4,254	1,223	2,831	359	1,075
Other construction-----	81	203	--	2,784	(5/)	(5/)	--	--
Agricultural 10/-----	183	764	(3/)	(3/)	(3/)	(3/)	(4/)	(4/)
Chemical and metallurgical 11/-----	--	--	90	214	940	2,945	--	--
Special 12/-----	--	--	(3/)	(3/)	(3/)	(3/)	--	--
Other miscellaneous-----	--	--	119	1,243	31	186	--	--
Other unspecified 13/-----	1,953	5,542	717	2,059	1,050	2,579	927	2,509
TOTAL 14/-----	3,526	9,653	3,397	11,566	3,986	10,255	1,286	3,584

1/ Excludes 664,000 short tons valued at \$1,279,000 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

5/ Less than 1/2 unit.

6/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

7/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

8/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesignated).

9/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

10/ Includes agricultural limestone, and other agricultural uses.

11/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and chemicals.

12/ Includes crushed stone for other fillers or extenders, and roofing granules.

13/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

14/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2		District 3		District 4	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	1,586	5,327	2,843	7,134	655	1,452	779	2,011
Asphaltic concrete aggregate 2/-----	216	489	294	604	295	610	453	937
Road bases and covering 3/-----	348	757	1,309	3,117	769	1,357	1,442	3,099
Fill-----	332	627	1,986	3,102	52	80	226	226
Snow and ice control-----	30	74	94	264	18	98	17	17
Railroad ballast-----	--	--	W	W	--	--	--	--
Other miscellaneous-----	W	W	W	W	--	--	--	--
Other unspecified 4/-----	2,700	9,438	2,536	6,307	922	1,814	320	670
TOTAL 5/-----	5,213	16,711	9,063	20,528	2,711	5,411	3,237	6,959

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

1/ Includes sand and gravel for concrete aggregates (includes concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.

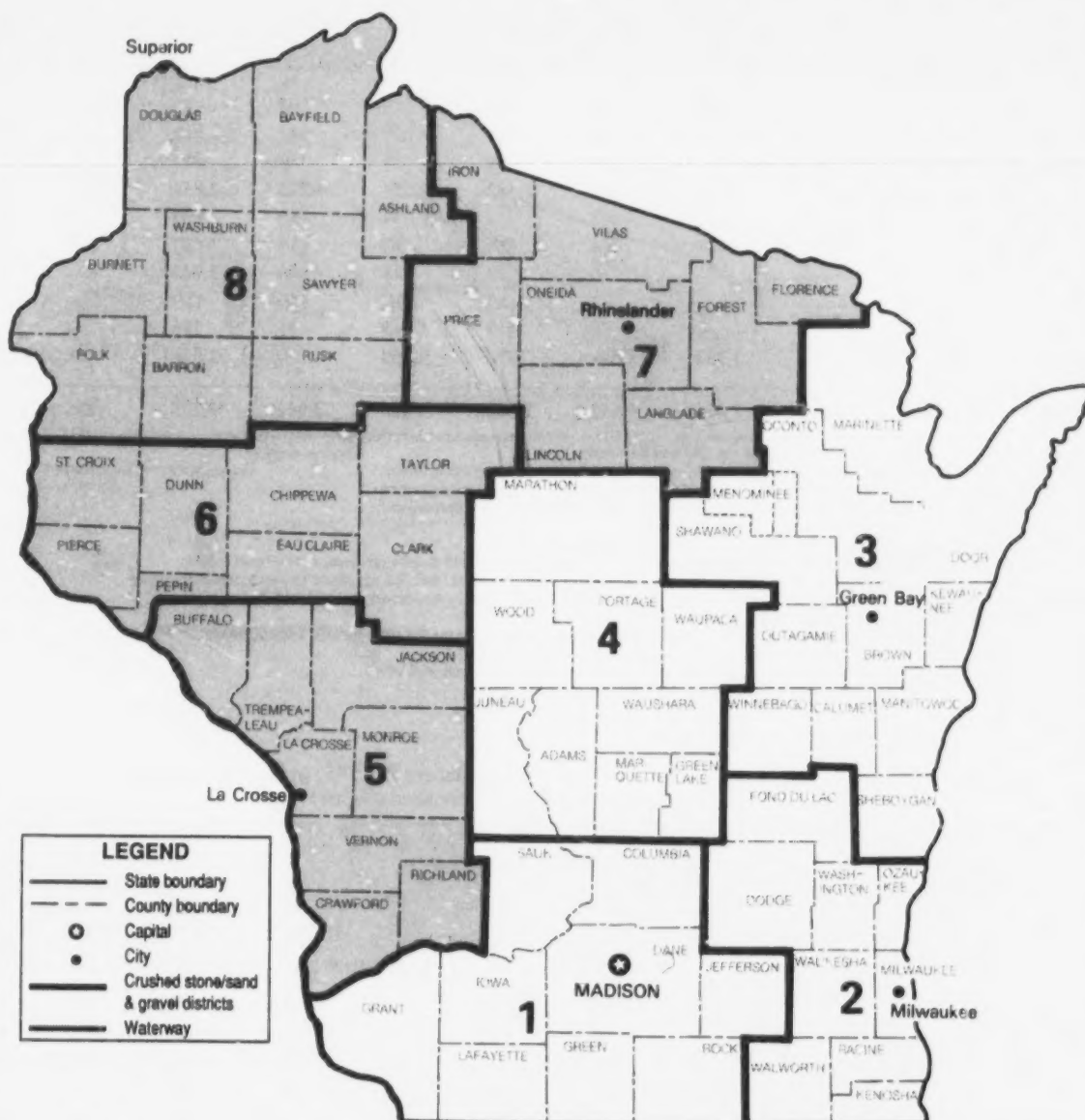


Table 1. - Crushed Stone sold or used by producers in 1985, by district and use 1/
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Coarse aggregate (+ 1-1/2 inch) 6/-----	8	36	(2/)	(2/)	--	--	15	37
Coarse aggregate, graded 7/-----	(2/)	(2/)	(2/)	(2/)	--	--	(2/)	(2/)
Fine aggregate (-3/8 inch) 8/-----	(2/)	(2/)	--	--	--	--	(2/)	(2/)
Coarse and fine aggregate 9/-----	879	3,312	169	610	--	--	(2/)	(2/)
Other construction-----	54	232	69	171	--	--	94	176
Agricultural 10/-----	81	404	124	594	--	--	25	160
Chemical and metallurgical 11/-----	--	--	50	116	--	--	--	--
Special 12/-----	--	--	--	--	--	--	--	--
Other miscellaneous-----	--	--	--	--	--	--	--	--
Other unspecified 13/-----	56	156	14	39	--	--	--	--
TOTAL 14/-----	1,078	4,140	426	1530	--	--	134	373

1/ Excludes 664,000 short tons valued at \$1,279,000 not reported by county.

2/ Withheld to avoid disclosing individual company proprietary data; included with "Other construction."

3/ Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

4/ Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

5/ Less than 1/2 unit.

6/ Includes macadam, riprap and jetty stone, filter stone, and coarse aggregate (large).

7/ Includes concrete aggregate (coarse), bituminous aggregate (coarse), bituminous surface treatment aggregate, and railroad ballast.

8/ Includes stone sand (concrete), stone sand (bituminous mix or seal), fine aggregate (screen), and fine aggregate (screening-undesigned).

9/ Includes crushed stone for graded roadbase or subbase, unpaved road surfacing, and crusher run (select material or fill).

10/ Includes agricultural limestone, and other agricultural uses.

11/ Includes crushed stone for cement manufacture, lime manufacture, flux stone, chemical stone for alkali works, and chemicals.

12/ Includes crushed stone for other fillers or extenders, and roofing granules.

13/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

14/ Data may not add to totals shown because of independent rounding.

Table 2. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 5		District 6		District 7		District 8	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	W	W	172	462	109	304	W	W
Asphaltic concrete aggregate 2/-----	W	W	149	288	112	275	W	W
Road bases and covering 3/-----	W	W	715	1,110	296	637	W	W
Fill-----	--	--	60	73	29	31	34	66
Snow and ice control-----	37	78	36	71	17	34	8	48
Railroad ballast-----	--	--	--	--	--	--	W	W
Other miscellaneous-----	--	--	--	--	--	--	2	2
Other unspecified 4/-----	349	999	756	1,393	689	1,367	1,119	2,477
TOTAL 5/-----	387	1,077	1,889	3,398	1,251	2,648	1,162	2,593

W Withheld to avoid disclosing individual company proprietary data; included with "Other unspecified."

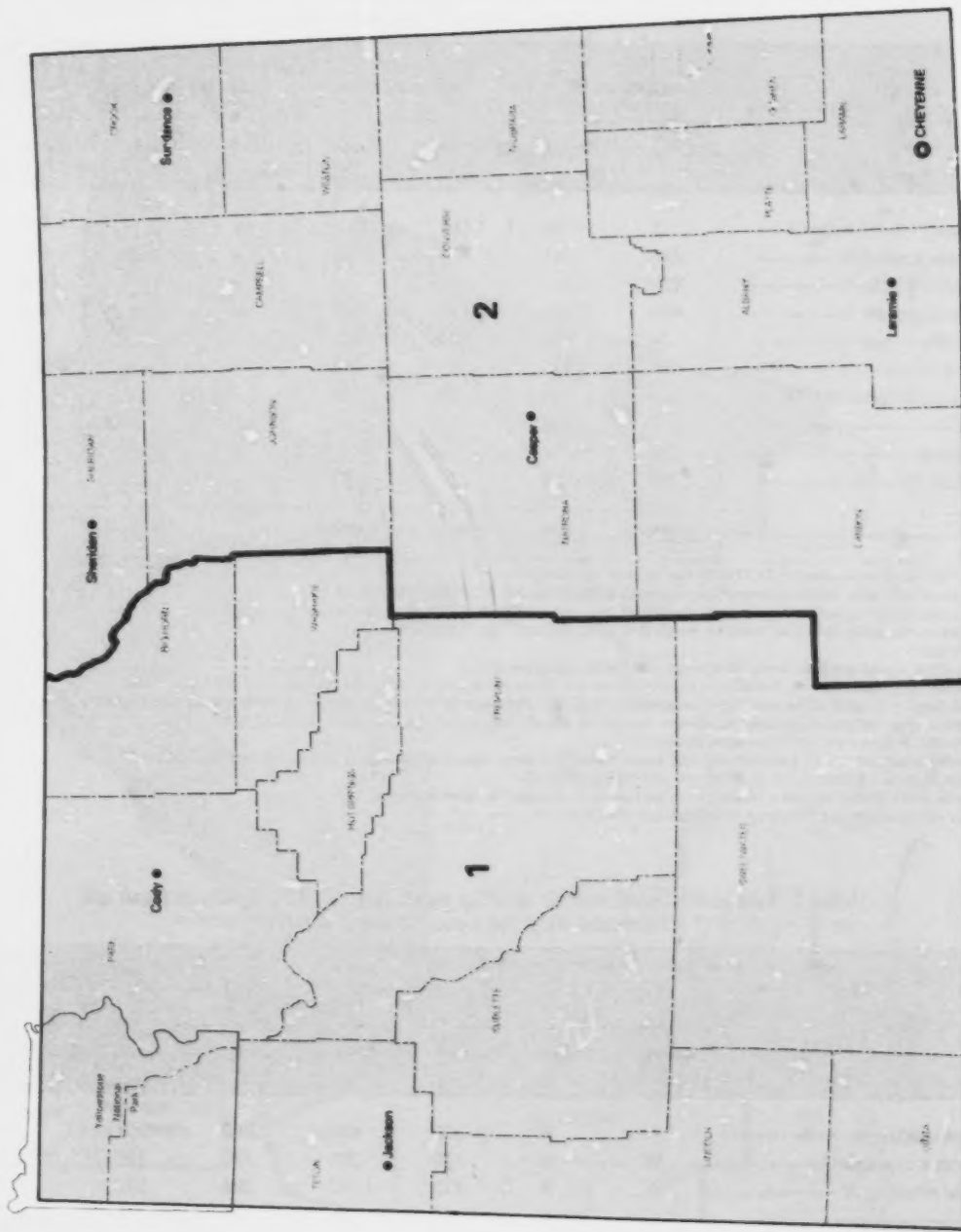
1/ Includes sand and gravel for concrete aggregates (includes concrete sand), plaster and gunite sands, and concrete products (blocks, bricks, etc.).

2/ Includes other bituminous mixtures.

3/ Includes sand and gravel for road and other stabilization (cement and lime).

4/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

5/ Data may not add to totals shown because of independent rounding.



LEGEND

- State boundary
- - - County boundary
- Capital
- City
- Crushed stone/sand & gravel districts (1, 2, etc.)

WYOMING

Table 1. - Sand & Gravel sold or used by producers in 1986, by district and use
(Thousand short tons and thousand dollars)

Use	District 1		District 2	
	Quantity	Value	Quantity	Value
Concrete aggregate 1/-----	224	783	317	1,361
Plaster and gunite sands-----	--	--	W	W
Concrete products (blocks, bricks, etc.)	--	--	13	28
Asphaltic concrete aggregate 2/-----	369	1,495	162	1,104
Road bases and covering-----	115	353	1,241	3,222
Fill-----	38	91	23	35
Snow and ice control-----	--	--	26	100
Railroad ballast-----	--	--	W	W
Other miscellaneous-----	8	41	195	199
Other unspecified 3/-----	440	1,136	207	1,028
TOTAL 4/-----	1,194	3,899	2,183	7,078

W Withheld to avoid disclosing individual company proprietary data; included with "Other miscellaneous."

1/ Includes concrete sand.

2/ Includes other bituminous mixtures.

3/ Includes production reported without a breakdown by end use and estimates for nonrespondents.

4/ Data may not add to totals shown because of independent rounding.

SUMMARY OF CRUSHED STONE AND SAND AND GRAVEL PRODUCTION AND PRODUCERS, BY STATE

A total of 1 billion tons of crushed stone valued at \$4.1 billion, f.o.b. plant, and 883 million tons of construction sand and gravel valued at \$2.8 billion, f.o.b. plant, were produced in the United States in 1985 and 1986, respectively, by 1,790 companies with 3,557 active stone quarries, and 4,323 companies with 5,797 active sand and gravel pits.

The total production and the ranking by production of each State as well as the number of crushed stone and sand and gravel companies and operations in each State are bincluded in the listing below.

ALABAMA ranked 16th in the production of crushed stone in 1985 with a total of 25,853 million tons valued at \$109,176, and 27th in the production of construction sand and gravel in 1986 with a total of 10,781 million tons valued at \$30,307. A total of 30 companies with 48 quarries produced crushed stone, and 54 companies with 71 pits produced sand and gravel.

ALASKA ranked 41st in the production of crushed stone in 1985 with a total of 1,907 million tons valued at \$8,535, and ninth in the production of construction sand and gravel in 1986 with a total of 27,762 million tons valued at \$61,954. A total of 13 companies with 16 quarries produced crushed stone, and 19 companies with 134 pits produced sand and gravel.

ARIZONA ranked 32nd in the production of crushed stone in 1985 with a total of 5,929 million tons valued at \$23,111, and fourth in the production of construction sand and gravel in 1986 with a total of 40,468 million tons valued at \$140,004. A total of 29 companies with 40 quarries produced crushed stone, and 92 companies with 130 pits produced sand and gravel.

ARKANSAS ranked 24th in the production of crushed stone in 1985 with a total of 14,815 million tons valued at \$60,874, and 33rd in the production of construction sand and gravel in 1986 with a total of 8,571 million tons valued at \$26,999. A total of 36 companies with 48 quarries produced crushed stone, and 52 companies with 86 pits produced sand and gravel.

CALIFORNIA ranked eighth in the production of crushed stone in 1985 with a total of 41,199 million tons valued at \$174,395, and first in the production of construction sand and gravel in 1986 with a total of 128,407 million tons valued at \$498,456. A total of 92 companies with 192 quarries produced crushed stone, and 171 companies with 332 pits produced sand and gravel.

COLORADO ranked 31st in the production of crushed stone in 1985 with a total of 7,037 million tons valued at \$25,930, and 13th in the production of construction sand and gravel in 1986 with a total of 23,233 million tons valued at \$70,095. A total of 26 companies with 34 quarries produced crushed stone, and 124 companies with 317 pits produced sand and gravel.

CONNECTICUT ranked 30th in the production of crushed stone in 1985 with a total of 7,277 million tons valued at \$43,937, and 40th in the production of construction sand and gravel in 1986 with a total of 7,254 million tons valued at \$25,984. A total of 17 companies with 22 quarries produced crushed stone, and 63 companies with 76 pits produced sand and gravel.

DELAWARE ranked 48th in the production of construction sand and gravel in 1986 with a total of 1,547 million tons valued at \$4,156. A total of 8 companies with 8 pits produced sand and gravel. No crushed stone has been produced in the State.

FLORIDA ranked second in the production of crushed stone in 1985 with a total of 69,266 million tons valued at \$287,237, and seventh in the production of construction sand and gravel in 1986 with a total of 28,233 million tons valued at \$67,898. A total of 79 companies with 107 quarries produced crushed stone, and 30 companies with 49 pits produced sand and gravel.

GEORGIA ranked fourth in the production of crushed stone in 1985 with a total of 52,062 million tons valued at \$256,588, and 36th in the production of construction sand and gravel in 1986 with a total of 8,126 million tons valued at \$23,222. A total of 49 companies with 101 quarries produced crushed stone, and 37 companies with 47 pits produced sand and gravel.

HAWAII ranked 33rd in the production of crushed stone in 1985 with a total of 5,627 million tons valued at \$34,183, and 50th in the production of construction sand and gravel in 1986 with a total of 605 million tons valued at \$2,666. A total of 20 companies with 30 quarries produced crushed stone, and 4 companies with 5 pits produced sand and gravel.

IDAHO ranked 40th in the production of crushed stone in 1985 with a total of 2,019 million tons valued at \$6,977, and 43rd in the production of construction sand and gravel in 1986 with a total of 5,708 million tons valued at \$14,830. A total of 18 companies with 38 quarries produced crushed stone, and 45 companies with 78 pits produced sand and gravel.

ILLINOIS ranked ninth in the production of crushed stone in 1985 with a total of 41,044 million tons valued at \$164,117, and eight in the production of construction sand and gravel in 1986 with a total of 27,867 million tons valued at \$82,523. A total of 89 companies with 160 quarries produced crushed stone, and 108 companies with 150 pits produced sand and gravel.

INDIANA ranked 19th in the production of crushed stone in 1985 with a total of 23,384 million tons valued at \$81,117, and 14th in the production of construction sand and gravel in 1986 with a total of 19,642 million tons valued at \$61,232. A total of 58 companies with 94 quarries produced crushed stone, and 83 companies with 135 pits produced sand and gravel.

IOWA ranked 18th in the production of crushed stone in 1985 with a total of 23,657 million tons valued at \$94,496, and 21st in the production of construction sand and gravel in 1986 with a total of 14,511 million tons valued at \$40,418. A total of 60 companies with 290 quarries produced crushed stone, and 100 companies with 188 pits produced sand and gravel.

KANSAS ranked 22nd in the production of crushed stone in 1985 with a total of 15,653 million tons valued at \$57,155, and 18th in the production of construction sand and gravel in 1986 with a total of 15,609 million tons valued at \$33,721. A total of 51 companies with 135 quarries produced crushed stone, and 113 companies with 322 pits produced sand and gravel.

KENTUCKY ranked 11th in the production of crushed stone in 1985 with a total of 38,022 million tons valued at \$134,978, and 42nd in the production of construction sand and gravel in 1986 with a total of 7,194 million tons valued at \$16,986. A total of 54 companies with 103 quarries produced crushed stone, and 21 companies with 28 pits produced sand and gravel.

LOUISIANA ranked 34th in the production of crushed stone in 1985 with a total of 4,820 million tons valued at \$25,956, and 22nd in the production of construction sand and gravel in 1986 with a total of 14,292 million tons valued at \$46,134. A total of 4 companies with 8 quarries produced crushed stone, and 77 companies with 112 pits produced sand and gravel.

MAINE ranked 46th in the production of crushed stone in 1985 with a total of 1,459 million tons valued at \$5,114, and 32nd in the production of construction sand and gravel in 1986 with a total of 8,572 million tons valued at \$22,843. A total of 9 companies with 13 quarries produced crushed stone, and 99 companies with 176 pits produced sand and gravel.

MARYLAND ranked 17th in the production of crushed stone in 1985 with a total of 24,406 million tons valued at \$98,584, and 16th in the production of construction sand and gravel in 1986 with a total of 18,173 million tons valued at \$86,925. A total of 26 companies with 37 quarries produced crushed stone, and 62 companies with 92 pits produced sand and gravel.

MASSACHUSETTS ranked 28th in the production of crushed stone in 1985 with a total of 9,354 million tons valued at \$42,881, and 15th in the production of construction sand and gravel in 1986 with a total of 19,200 million tons valued at \$60,464. A total of 26 companies with 35 quarries produced crushed stone, and 119 companies with 147 pits produced sand and gravel.

MICHIGAN ranked 15th in the production of crushed stone in 1985 with a total of 30,685 million tons valued at \$95,953, and third in the production of construction sand and gravel in 1986 with a total of 42,514 million tons valued at \$91,886. A total of 32 companies with 39 quarries produced crushed stone, and 230 companies with 490 pits produced sand and gravel.

MINNESOTA ranked 29th in the production of crushed stone in 1985 with a total of 7,756 million tons valued at \$22,601, and 12th in the production of construction sand and gravel in 1986 with a total of 24,055 million tons valued at \$53,116. A total of 41 companies with 92 quarries produced crushed stone, and 203 companies with 424 pits produced sand and gravel.

MISSISSIPPI ranked 45th in the production of crushed stone in 1985 with a total of 1,582 million tons valued at \$4,282, and 20th in the production of construction sand and gravel in 1986 with a total of 15,080 million tons valued at \$42,809. A total of 8 companies with 9 quarries produced crushed stone, and 74 companies with 114 pits produced sand and gravel.

MISSOURI ranked sixth in the production of crushed stone in 1985 with a total of 50,646 million tons valued at \$162,097, and 29th in the production of construction sand and gravel in 1986 with a total of 9,746 million tons valued at \$24,065. A total of 138 companies with 238 quarries produced crushed stone, and 71 companies with 110 pits produced sand and gravel.

MONTANA ranked 42nd in the production of crushed stone in 1985 with a total of 1,730 million tons valued at \$5,044, and 37th in the production of construction sand and gravel in 1986 with a total of 8,066 million tons valued at \$19,391. A total of 10 companies with 17 quarries produced crushed stone, and 92 companies with 244 pits produced sand and gravel.

NEBRASKA ranked 36th in the production of crushed stone in 1985 with a total of 4,175 million tons valued at \$19,134, and 31st in the production of construction sand and gravel in 1986 with a total of 9,675 million tons valued at \$23,912. A total of 12 companies with 18 quarries produced crushed stone, and 116 companies with 222 pits produced sand and gravel.

NEVADA ranked 47th in the production of crushed stone in 1985 with a total of 1,334 million tons valued at \$6,218, and 25th in the production of construction sand and gravel in 1986 with a total of 12,197 million tons valued at \$35,692. A total of 10 companies with 11 quarries produced crushed stone, and 53 companies with 108 pits produced sand and gravel.

NEW HAMPSHIRE ranked 44th in the production of crushed stone in 1985 with a total of 1,612 million tons valued at \$6,434, and 35th in the production of construction sand and gravel in 1986 with a total of 8,418 million tons valued at \$26,089. A total of 11 companies with 11 quarries produced crushed stone, and 41 companies with 57 pits produced sand and gravel.

NEW JERSEY ranked 21st in the production of crushed stone in 1985 with a total of 15,692 million tons valued at \$94,339, and 23rd in the production of construction sand and gravel in 1986 with a total of 13,999 million tons valued at \$53,746. A total of 17 companies with 22 quarries produced crushed stone, and 59 companies with 75 pits produced sand and gravel.

NEW MEXICO ranked 38th in the production of crushed stone in 1985 with a total of 3,641 million tons valued at \$15,232, and 34th in the production of construction sand and gravel in 1986 with a total of 8,471 million tons valued at \$25,862. A total of 30 companies with 44 quarries produced crushed stone, and 87 companies with 108 pits produced sand and gravel.

NEW YORK ranked 13th in the production of crushed stone in 1985 with a total of 35,139 million tons valued at \$165,136, and sixth in the production of construction sand and gravel in 1986 with a total of 31,172 million tons valued at \$103,748. A total of 59 companies with 95 quarries produced crushed stone, and 366 companies with 457 pits produced sand and gravel.

NORTH CAROLINA ranked seventh in the production of crushed stone in 1985 with a total of 41,771 million tons valued at \$194,818, and 38th in the production of construction sand and gravel in 1986 with a total of 7,543 million tons valued at \$23,127. A total of 40 companies with 86 quarries produced crushed stone, and 93 companies with 124 pits produced sand and gravel.

NORTH DAKOTA ranked 44th in the production of construction sand and gravel in 1986 with a total of 5,135 million tons valued at \$10,741. A total of 62 companies with 153 pits produced sand and gravel. A small amount of crushed stone was produced by one company; therefore the production of the State cannot be published.

OHIO ranked tenth in the production of crushed stone in 1985 with a total of 38,310 million tons valued at \$136,544, and fifth in the production of construction sand and gravel in 1986 with a total of 36,806 million tons valued at \$126,747. A total of 82 companies with 125 quarries produced crushed stone, and 182 companies with 248 pits produced sand and gravel.

OKLAHOMA ranked 14th in the production of crushed stone in 1985 with a total of 31,173 million tons valued at \$98,811, and 28th in the production of construction sand and gravel in 1986 with a total of 10,366 million tons valued at \$24,585. A total of 48 companies with 70 quarries produced crushed stone, and 118 companies with 150 pits produced sand and gravel.

OREGON ranked 23rd in the production of crushed stone in 1985 with a total of 15,336 million tons valued at \$54,244, and 24th in the production of construction sand and gravel in 1986 with a total of 13,441 million tons valued at \$42,597. A total of 86 companies with 218 quarries produced crushed stone, and 76 companies with 199 pits produced sand and gravel.

PENNSYLVANIA ranked third in the production of crushed stone in 1985 with a total of 64,765 million tons valued at \$310,859, and 19th in the production of construction sand and gravel in 1986 with a total of 15,373 million tons valued at \$68,880. A total of 114 companies with 193 quarries produced crushed stone, and 107 companies with 137 pits produced sand and gravel.

RHODE ISLAND ranked 48th in the production of crushed stone in 1985 with a total of 1,135 million tons valued at \$7,016, and 47th in the production of construction sand and gravel in 1986 with a total of 2,269 million tons valued at \$8,252. A total of 5 companies with 5 quarries produced crushed stone, and 14 companies with 16 pits produced sand and gravel.

SOUTH CAROLINA ranked 20th in the production of crushed stone in 1985 with a total of 17,079 million tons valued at \$72,520, and 41st in the production of construction sand and gravel in 1986 with a total of 7,200 million tons valued at \$19,783. A total of 17 companies with 30 quarries produced crushed stone, and 38 companies with 54 pits produced sand and gravel.

SOUTH DAKOTA ranked 37th in the production of crushed stone in 1985 with a total of 4,071 million tons valued at \$14,412, and 30th in the production of construction sand and gravel in 1986 with a total of 9,713 million tons valued at \$19,853. A total of 15 companies with 21 quarries produced crushed stone, and 162 companies with 340 pits produced sand and gravel.

TENNESSEE ranked 12th in the production of crushed stone in 1985 with a total of 37,939 million tons valued at \$155,760, and 39th in the production of construction sand and gravel in 1986 with a total of 7,360 million tons valued at \$24,592. A total of 74 companies with 124 quarries produced crushed stone, and 43 companies with 54 pits produced sand and gravel.

TEXAS ranked first in the production of crushed stone in 1985 with a total of 85,764 million tons valued at \$306,821, and second in the production of construction sand and gravel in 1986 with a total of 59,562 million tons valued at \$209,855. A total of 114 companies with 178 quarries produced crushed stone, and 177 companies with 236 pits produced sand and gravel.

UTAH ranked 35th in the production of crushed stone in 1985 with a total of 4,657 million tons valued at \$14,180, and 17th in the production of construction sand and gravel in 1986 with a total of 16,452 million tons valued at \$39,763. A total of 18 companies with 33 quarries produced crushed stone, and 77 companies with 139 pits produced sand and gravel.

VERMONT ranked 43rd in the production of crushed stone in 1985 with a total of 1,689 million tons valued at \$7,468, and 45th in the production of construction sand and gravel in 1986 with a total of 4,834 million tons valued at \$11,226. A total of 21 companies with 26 quarries produced crushed stone, and 60 companies with 87 pits produced sand and gravel.

VIRGINIA ranked fifth in the production of crushed stone in 1985 with a total of 51,686 million tons valued at \$221,900, and 26th in the production of construction sand and gravel in 1986 with a total of 11,670 million tons valued at \$46,488. A total of 59 companies with 97 quarries produced crushed stone, and 47 companies with 58 pits produced sand and gravel.

WASHINGTON ranked 26th in the production of crushed stone in 1985 with a total of 9,543 million tons valued at \$31,052, and tenth in the production of construction sand and gravel in 1986 with a total of 26,342 million tons valued at \$76,387. A total of 81 companies with 213 quarries produced crushed stone, and 146 companies with 233 pits produced sand and gravel.

WEST VIRGINIA ranked 27th in the production of crushed stone in 1985 with a total of 9,393 million tons valued at \$38,348, and 49th in the production of construction sand and gravel in 1986 with a total of 1,501 million tons valued at \$5,365. A total of 37 companies with 46 quarries produced crushed stone, and 5 companies with 5 pits produced sand and gravel.

WISCONSIN ranked 25th in the production of crushed stone in 1985 with a total of 14,496 million tons valued at \$42,380, and 11th in the production of construction sand and gravel in 1986 with a total of 24,913 million tons valued at \$59,325. A total of 102 companies with 188 quarries produced crushed stone, and 172 companies with 335 pits produced sand and gravel.

WYOMING ranked 39th in the production of crushed stone in 1985 with a total of 2,030 million tons valued at \$7,329, and 46th in the production of construction sand and gravel in 1986 with a total of 3,377 million tons valued at \$10,977. A total of 6 companies with 8 quarries produced crushed stone, and 46 companies with 77 pits produced sand and gravel.

ADDITIONAL READING

Additional statistical, economic, and technological data on mineral commodities are available in other publications of the Bureau of Mines.

Minerals Yearbooks — Annual publications that review the mineral industry of the United States and foreign countries. Contains statistical data on metals and minerals and their products and includes information on economic and technical trends and developments. The Yearbook is published in three volumes: Volume I, Metals and Minerals; Volume II, Area Reports, Domestic; and Volume III, Area Reports, International.

Mineral Industry Surveys — Periodic statistical and economic reports designed to provide timely statistical data in production, distribution, stocks, and consumption of significant mineral commodities. The surveys are issued monthly, quarterly, or at other regular intervals, depending on the need for current data.

Mineral Commodity Summaries — Annual publications that furnish the earliest Government estimates of nonfuel mineral industry data for the preceding year. 87 individual minerals and metals are covered. Information is provided on the domestic industry structure, Government programs, tariffs, resources, and a 5-year salient statistics table is included for each commodity.

Perspectives — Reports that present timely data on mineral developments in foreign geographic areas.

Mineral Commodity Profiles — Periodic reports covering a single important mineral commodity and containing both current statistical data and text covering strategic uses and industry problems.

Bulletins — Reports that describe major Bureau investigations or studies that are considered to have permanent value.

Information Circulars — Reports that primarily compile, review, abstract, and discuss various activities and developments in the minerals industry.

Reports of Investigations — Describe the principal features and results of minor investigations or phases of major investigations, to inform the minerals industry and the public about progress in original Bureau research.

These and other Bureau reports are described in the monthly release entitled "New Publications—U.S. Bureau of Mines," which is available free upon request from the Office of Public Information, U.S. Bureau of Mines, 2401 E Street, NW, Washington, DC 20241.

**TAKE
PRIDE IN
AMERICA**

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally-owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the envi-

ronmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.



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